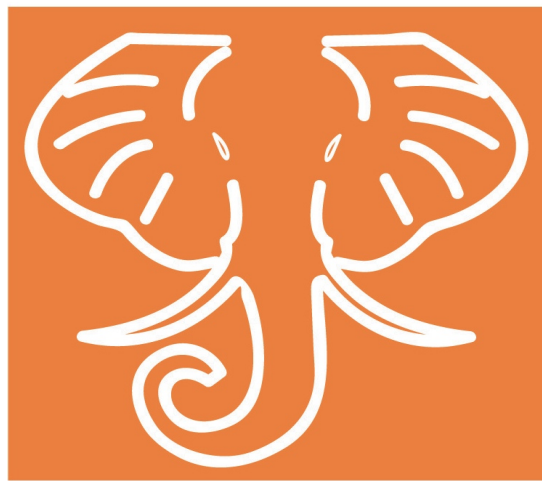


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**NUMISMATIC
LITERATURE**

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No. 133

March 1995



**THE AMERICAN NUMISMATIC SOCIETY
NEW YORK**

THE AMERICAN NUMISMATIC SOCIETY

Founded 1858 Incorporated 1865

Broadway between 155th and 156th Streets
New York, NY 10032

PURPOSES: The Society was founded for the collection and preservation of coins, medals, decorations and paper money and for the investigation of their history and other subjects connected therewith.

MEMBERSHIP: Applications for membership are welcomed from all interested in numismatics. Inquiries regarding membership should be addressed to the Secretary of the Society.

DUES: The Annual dues for an Associate Membership are forty dollars. Issues of *American Journal of Numismatics*, formerly *Museum Notes*, the *Annual Report* and the quarterly Newsletter are distributed to all members.

PUBLICATIONS: The *American Journal of Numismatics* is a scholarly journal containing articles on numismatic topics. The Numismatic Notes and Monographs consist of separately issued publications, each on a single topic. Numismatic Studies is a series accommodating works in a larger format. *Numismatic Literature*, published twice a year, is an international abstract bibliography of the current literature in the profession. Ancient Coins in North American Collections publishes private collections. The Society is also engaged in the systematic publication of its entire Greek coin collection in *Sylloge Nummorum Graecorum: The American Numismatic Society*.

MUSEUM: The Society maintains a museum located in uptown Manhattan, New York City, which houses its offices, collections, and library. Collections embrace coins of all periods from their inception to modern times, medals and decorations. Selections from its cabinets are on display in an exhibition. The library, consisting of over 70,000 titles, covers all branches of numismatics.

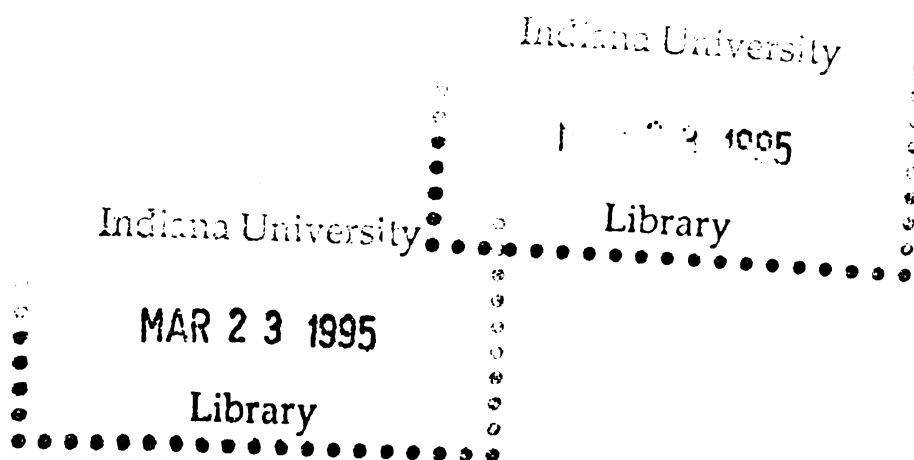
The museum is open to members and the public from 9 AM to 4:30 PM on Tuesdays, Wednesdays, Thursdays, Fridays, and Saturdays. In addition, the public exhibition is open on Sundays from 1 to 4 PM. The museum is closed on Mondays and the following holidays: New Year's Day, Lincoln's Birthday, Independence Day, Election Day, Thanksgiving Day, the fourth Friday in November, the fourth Saturday in November, December 24 and Christmas Day. The public exhibition is open from 10 AM to 4:30 PM on the fourth Friday and the fourth Saturday of November.

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CONTENTS

PREFACE.....	v
CONTRIBUTING EDITORS	vi
GUIDE FOR ABSTRACTORS.....	xii
PERIODICAL ABBREVIATIONS.....	xiv
GENERAL	1
TECHNOLOGY AND METHODOLOGY	5
GREEK	7
ROMAN.....	20
BYZANTINE	33
NEAR AND MIDDLE EAST -- MEDIEVAL AND MODERN	37
FAR EAST.....	39
INDIA	42
SOUTHEAST ASIA.....	44
EUROPE -- MEDIEVAL AND MODERN	45
GREAT BRITAIN AND IRELAND	45
WESTERN AND CENTRAL EUROPE.....	51
EASTERN EUROPE AND THE BALKANS	74
THE AMERICAS.....	76
UNITED STATES.....	76
MEXICO, CENTRAL AND SOUTH AMERICA	81
MEDALS AND DECORATIONS	83
PRIMITIVE MONEY.....	95
PAPER MONEY	95
TOKENS AND JETONS.....	101
REVIEWS.....	104
OBITUARIES	113
HOARD LIST	115
SUBJECT INDEX.....	116
AUTHOR INDEX	122

PREFACE

Numismatic Literature is a semiannual survey of current publications in or related to numismatics with abstracts of their contents. Beginning with *NL* 79 (December 1967), bibliographic information and abstracts have been submitted by an international board of contributing editors, each of whom collects material published in his country. The contents and quality of *NL* reflect the participation of this editorial board and of individual scholars, whose cooperation can create a truly comprehensive bibliographic tool.

The revisions in format introduced in *NL* 81 have been maintained in order to enable each reader to find and use material in his own field more easily, while benefiting from work published in peripheral fields. Most entries are grouped under broad cultural, geographical, or typological sections. In addition, the section Technology and Methodology lists works in which recently developed techniques for numismatic study are described or significantly applied. The Greek section correlates with the broad definition of Head's *Historia Numorum*. At the end of each section is a list of numbered cross references to abstracts with related material in other sections.

Author and subject indices are published at the back of each issue. The author index does not include references to the reviews, which are themselves alphabetically arranged by author. The hoard list is a separate list of abstracts in which reference is made to coin hoards.

Periodical titles are abbreviated whenever possible. A cumulative list of periodical title abbreviations is published in the March issue of even-numbered years. Intervening issues contain a cumulative list of additions. In this way, the list should become a record of the periodical publications in many fields in which numismatic material appears and a convenient compilation of abbreviations for scholars.

Although *NL* is a bibliography of current publications, an effort is being made to include notices of somewhat older publications which are not readily available or are published in languages which readers are not likely to know, and which were not discovered until the institution of the international board of contributing editors.

Comments and suggestions for improvement are welcome and may be addressed to the International Editor at the American Numismatic Society. The Editor thanks all those who have contributed to *NL* and hopes that participation will continue to grow.

CONTRIBUTING EDITORS

The Contributing Editors listed below provide the international cooperation necessary for the publication of *Numismatic Literature*. Each Contributing Editor has assumed the responsibility for collecting and forwarding to the International Editor at The American Numismatic Society titles and abstracts of all works of serious numismatic interest published in his area. In order that *NL* may offer the most complete, accurate, and current coverage possible, *each author is strongly urged to prepare an abstract of his own work at the time of publication, and to send it to the Contributing Editor of the country in which the work was published.* A guide for the preparation of abstracts follows the list of Contributing Editors.

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GUIDE FOR ABSTRACTORS

Entries in *Numismatic Literature* generally consist of two parts, the bibliographic information and the abstract.

Bibliographic Information

All entries must include the following information:

1. The full name(s) of the author(s)
2. The title of the publication in the original language, but in the Roman alphabet. If the publication is not written in English, French, German, Italian or Spanish, the original title should be followed by a translation into one of these languages.

If the publication is an article in a journal, the following information must also be given:

3. Volume and/or issue number
4. Date of the journal
5. Date of publication, if it is different from the date of the journal
6. Page numbers on which the article appears
7. Presence of illustrations.

If the publication is an article in a book of collected works, such as a festschrift or proceedings of a congress, the following information must also be given:

3. Complete title of the collection
4. Place of publication and name of publisher
5. Date of publication
6. Page numbers on which the article appears
7. Presence of illustrations.

If the publication is a book, the following information must also be given:

3. Edition number and editor's name, if any
4. Place of publication and name of publisher
5. Date of publication
6. Total number of pages
7. Presence of illustrations
8. ISBN, optional.

If the content of the publication is general in nature and does not include specific information or arguments which should be brought to the reader's attention, and the title is fully descriptive of the contents, the bibliographic information alone may be given and the abstract omitted.

The Abstract

Definition. An abstract is a concise, objective summary or description of the content of a publication. It is different from a review in that an abstract does not offer critical comment or additions to the original work.

Length. Abstracts may be from about 50 to 200 words in length, depending upon the importance or complexity of the publication. A long abstract may be desirable when the original publication is not readily available or is written in a language most readers are not likely to know.

Style and Language. Abstracts should be written in complete sentences. They may be submitted in English, French, German, Italian or Spanish, but will be published in English. All abstracts must include the typewritten, full name of the abstractor.

NOTE TO CONTRIBUTING EDITORS

Abstracts intended for publication in the March issue of *Numismatic Literature* should be received at the editorial office of The American Numismatic Society, Broadway at 155th Street, New York, NY 10032, no later than 15 November of the preceding year; abstracts for the September issue should be received no later than 15 May of the same year.

PERIODICAL ABBREVIATIONS

The following new periodicals and periodical abbreviations have been introduced in Volume 133:

<i>Aquileia Nostra</i>	<i>Aquileia Nostra</i> , Associazione Nazionale per Aquileia, Aquileia, Udine, Italy.
<i>JEAN</i>	<i>Journal of East Asian Numismatics</i> , P.O. Box 9310, Niskayuna, New York USA.
<i>JRA</i>	<i>Journal of Roman Archaeology</i> , Ann Arbor, Michigan USA.
<i>The Picus</i>	<i>The Picus</i> , Classical and Medieval Numismatic Society, Ontario, Canada.

GENERAL

1 *Actes du XI Congres International de Numismatique*, Brussels 8-13 Sept. 1991. Louvain-la-Neuve 1993. 4 volumes, 410, 450, 348, 392 pp.

2 ALFARO ASINS, C. *Sylloge Nummorum Graecorum [España], Museo Arqueológico Nacional, Vol. 1, Part 1: Gadir y Ebusus*. Madrid 1994. 164 pp.

3 BELTRAN, A. Reflexión sobre técnicas y métodos de estudio y de exhibición de la moneda. *Numisma* 232 (1993) pp. 223-34.

4 BENAGES, J. *La moneda de Tarragona*. Societat Catalana d'Estudis Numismàtics, Institut d'Estudis Catalans 1994. 262 pp.

5 BERTSCH, WOLFGANG. The Argentinean 1000 A Coin Commemorating the Discovery of America. *NI* 28 No. 10 (Oct. 1993) pp. 226-29 illus.

Coins honoring the 500th anniversary of America are discussed and illustrated.
(Joseph Uphoff)

6 BOEKHORST, B.J. TE. *Collectie overzicht Nederland. Munten, penningen, bankbiljetten*. Amsterdam 1992.

This volume is a guide to Dutch museum collections containing numismatic material.
(Arent Pol)

7 CACCIOTTI, BEATRICE. La collezione d'arte di José Nicolàs de Azara: studi preliminari. *BdA* 78 (1993) pp. 1-54 illus.

This is a preliminary reconstruction of the personage and collection of José Nicolàs de Azara (1730-84), Spanish diplomat and scholar.
(Andrea Carignani)

8 CHAVES TRISTAN, F. *La colección de la Universidad de Sevilla*. Universidad de Sevilla 1994. 270 pp.

9 DHENIN, MICHEL. Numismatique, sigillographie et diplomatique. *RIN* 95 (1993) pp. 615-20.

The author discusses the relationship among the study of medieval numismatics, sigillography, and the art of diplomacy. (Andrea Carignani)

10 DIJK, B. VAN. *Munten en penningen in beeld. De bibliotheek van de 18de eeuwse numismaat Pieter van Damme.* 's-Gravenhage 1992.

This illustrated guide to an exhibition of books which once belonged to the 18th-century numismatist Pieter van Damme includes a biographical note. (Arent Pol)

11 ELZINGA, G. Bezittingen van een raadsheer, III: munten en penningen, 1773. *Fries Museumbulletin* June 1992 pp. 10-12.

The coin and medal collection of the 18th-century Frisian judge E. Wielinga is discussed. (Arent Pol)

12 ELZINGA, G. Schatten uit Friese bodem. Mr J. Dirks 1811-1892. *Fries Museumbulletin* June 1992 pp. 1-6.

Biographical details concerning Mr. Jacob Dirks, well-known collector and publicist, are presented. (Arent Pol)

13 GROOT, PAUL F.L. DE. About Those Counterstamps. Coins Counterstamped Before They Were Minted? *NI* 28 No. 7 (July 1993) pp. 167-68 illus.

Illiteracy is suggested as the reason a forger would use a counterstamp predating the coin's original issue date. (Joseph Uphoff)

14 HÁGEN, JÓZSEF, JÁNOS RAYMAN, and TAMÁS SÜLE. *Pécs-Pécs-Baranya Numizmatikai Bibliográfiája [Numismatic Bibliography of Pécs-Baranya]*. Pécs 1994. 150 pp.

The bibliography lists items relating to Count Baranya and the town of Pécs. The publications are arranged according to subjects: the coinage of Pécs-Scs-Szerémi Camera, monetary history of the Serbian occupation, paper monies, coin finds, jetons, medals in connection with the Turkish wars, etc. An index of authors and place-names is included. (Melinda Torbágyi)

15 *Handboek Numismatiek. De geschiedenis van het geld. Verzamelen van munten, penningen en bankbiljetten.* Amsterdam/Utrecht 1992.

This is an introductory volume on "primitive money," coins, paper money, medals, and related subjects, with special attention paid to the Netherlands and colonies. (Arent Pol)

16 *Het slijk der aarde. Mijnbouw en geologie op munten, penningen en papiergeld.* Heerlen 1992.

Coins, medals and paper money related to mining and geology are presented, with an illustrated catalogue. (Arent Pol)

17 JOHNSON, CESARE. *La Società Numismatica Italiana nei cento anni dalla sua fondazione (1892-1992).* *RIN* 95 (1993) pp. 41-47.

18 MEER, J. VAN DER. Een fotoalbum uit de begintijd van het Genootschap. *Beeldenaar* 16 (1992) pp. 15-19.

A photo album with portraits of numismatists living around 1900 is presented. (Arent Pol)

19 MEESTERS, J.H.G. Het Genootschap vereeuwigd. Notities en noties uit honderd jaar notulen. *Jaarboek voor Munt- en Penningkunde* 79 (1992) pp. 195-290.

The author outlines the history of the 100-year-old Royal Dutch Numismatic Society. (Arent Pol)

20 MORRISON, CÉCILE. Les usages monétaire de plus vil des métaux: le plomb. *RIN* 95 (1993) pp. 79-101.

The author places in focus the use of lead in coinage. This metal was utilized either as a secondary component in an alloy that was predominantly copper, or as the main (and at times exclusive) constituent in official coins (e.g., Seleucid, Sasanid, Byzantine). (Andrea Carignani)

21 NASTER, P. De medewerking van Nederlandse numismaten aan het Belgisch Tijdschrift voor Numismatiek 1842-1891. *Jaarboek voor Munt- en Penningkunde* 79 (1992) pp. 291-306.

A survey of Dutch contributors and contributions to the *Revue Belge de Numismatique* during the period when the northern neighbors of Belgium lacked a society and periodical of their own. (Arent Pol)

22 PEREZ SINDREU, F. DE P. El Gabinete Numismático Municipal de Sevilla. *Numisma* 232 (1993) pp. 239-80.

23 POENARU BORDEA, GH. and MITREA BUCUR. Découvertes monétaires en Roumanie 1991 (XXXV). *Dacia*, N.S. 36 (1992) pp. 199-206.

The chronicle of the coin finds in Romania in 1991 includes Greek (Callatis, Apollonia and Dyrrhachium, Macedonians/Philip II), Geto-Dacian, Roman Republican and Imperial, Byzantine, medieval and modern coins.
(Constantin Preda)

24 SARVAS, PEKKA. Den nya basutställningen i Nationalmuseets myntkabinett, Helsingfors. *NNUM* 4 (1994) pp. 62-67 illus. In Swedish.

The author presents the new permanent exhibition of coins and medals in the Nationalmuseum, Helsingfors/Helsinki. The presentation includes a description of the show cases, especially designed for the exhibition.
(Ulla Westermark)

25 SCHARLOO, M. Het exposeren van munten en penningen. *Beeldenaar* 15 (1991) pp. 436-44.

The creation of an attractive numismatic exhibition is often difficult. Several aspects are discussed here: the story and its division into chapters; the manner of presentation in relation to the available space; the backgrounds, texts, and lights; the problem of obverse/reverse; and the protection of objects against theft, damage, and corrosion.
(Arent Pol)

26 SERAFIN PETRILLO, PATRIZIA. La moneta come ornamento: gioielli monetali antichi e moderni. *RIN* 95 (1993) pp. 363-83.

Based on the study of material from the Augusto Castellani collection in the Museo Nazionale di Villa Giulia in Rome, the author presents some thoughts on the use of ancient coins in the art of the goldsmith.
(Andrea Carignani)

27 TALVIO, TUUKKA. Jan Pieter van Suchtelenin muotokuva [Portraits of J.P. van Suchtelen]. *Numismaattinen Aikakauslehti* 4 (1994) pp. 98-100 illus.

A Swedish medal (1823) and other portraits of the Dutch-born Russian general J.P. van Suchtelen (1751-1836) are presented. Suchtelen was a numismatist who donated several collections of ancient and oriental coins to the University of Helsinki in the early 19th century.
(Author)

28 ULONSKA, HANS-JÜRGEN, ed. *Die Stadt Erfurt und ihre Universität im Spiegel von Münzen und Medaillen*. Erfurt (Erfurter Münzblätter Bd. 1) 1993. 56 pp. illus.

In addition to a review of Erfurt and its university, this volume contains discussions of the Erfurt medallist Jürgen Ellenberg and the Erfurt taler issues of 1548-1792, as well as an essay on the development of portraits on Imperial Roman coins.
(Paul Arnold)

- 29** VON KAENEL, HANS-MARKUS. Die antike Numismatik und ihr Material. *SM* 44 Vol. 173 (1994) pp. 1-12.

The author's inaugural lecture at the Frankfurt University, dealing with the problem of new hoards and their often unrecorded dispersion. (Silvia Hurter)

TECHNOLOGY AND METHODOLOGY

- 30** AAGAARD, SVEN. Anvendelsen af mikroskoptegnemetoden til stempelundersøgelser. *NNUM* 7 (Sept. 1994) pp. 138-45 illus.

The author describes in detail how to use the stereo-microscope drawing method introduced in 1984, with reference to extensive die-studies of Danish-Norwegian 16th-century hammered coins. (Author)

- 31** *Data Processing and Numismatics at the Nordic Coin Cabinets.* Symposium, Isegran (Norway) Nov. 19-20, 1993. *NNUM* 1984 No. 5 (special issue). 119 pp.

Reports on recent developments in computerized processing of numismatic data include: Kenneth Jonsson on coins in Scandinavian hoards from the Viking period; Sølvi Andersen and Svein H. Gulbekk (separate papers) on the numismatic database project at the Oslo University Coin Cabinet, with particular attention to accessing information contained in existing paper-based archives; Harald Nilsson on a numismatic image database at the Uppsala University Coin Cabinet using a dBase PC image storage program with video registration and laser printout; Henning Laugerud and Jon Anders Risvaag (separate papers) on how to check data input errors; and Keld Grinder-Hansen on Danish civil war coins in databases. (Gerhard Miksche)

- 32** JACOBI, H.W. Basisregistratie van numismatische voorwerpen. *Beeldenaar* 15 (1991) pp. 323-27.

Computerized registration of numismatic objects in museum collections is discussed. (Arent Pol)

- 33** JENSEN, JØRGEN STEEN. Næsholms datering—dendrokronologisk eller numismatisk? [Should the site of Næsholm be dated by numismatic or dendrochronological means?] *Hikuin* 19 (*Festschrift til Hans Stiesdal*, 1992) pp. 83-88. English summary p. 283.

The numismatic evidence of an early dating, probably to the 1240s, of the fortified site of Næsholm in Odsherre, is discussed. Five coins from Erik Plovpenning (1241-50) support this suggestion. They were found scattered over the whole area during excavations in the 1930s and 1950s. The circulation period of these coins was

rather restricted; they are rarely found in hoards later than 1250/55. The archaeologist Nils Engberg cannot accept this point of view and suggests the coins may come from earth removed from destroyed farmhouses when the fortifications were made (ca. 1278).
(Author)

34 NEYEN, RENÉ and FILIPPO CIALINI. Analyse microélectronique des gros ("Groschen") émis par Wenceslas II et par les engagistes entre 1383 et 1443. *Hémecht* 2/1994 pp. 449-78 illus.

The technical aspects of non-destructive metal-analyses of late medieval Luxembourg silver coins, realised by the authors at ARBED-Recherches, are fully described and the results interpreted.
(Raymond Weiller)

35 RIPOLLÈS, P.P. and L. VILLARONGA. A propos de l'utilisation correcte des pourcentages en numismatique. *Actes du XI CIN, 1991* (Louvain-la-Neuve 1993), Vol. 4 pp. 379-82.

36 RONNER, E. Penningen uit de Gouden Eeuw in de computer. *Beeldenaar* 16 (1992) pp. 94-97.

Report of a project to describe 17th century Dutch medals (in a computerized file) by means of the international iconographic classification system Iconclass.
(Arent Pol)

37 RUEDA SABATER, M. Análisis estadístico de amplias series de monedas aparentemente iguales. *Actes du XI CIN, 1991* (Louvain-la-Neuve 1993), Vol. 4 pp. 383-86.

38 SHAPPELL, CHRIS. The Casting of a Cash Coin. *NI* 29 No. 1 (Jan. 1994) pp. 19-20 illus.

39 VERBEEK, P.W. and B.J.H. VERWER. Vorstinnen verbeeld via heuvels, hellingen en hoogtelijnen. Sectie Patroonherkennen ontwerpt grafische techniek voor prijswinnende penning. *Delft Integraal. Onderzoek en onderwijs van de TU-Delft* 1989 No. 6 pp. 1-5.

Computer techniques for designing coins and medals are presented. Through scanning a three-dimensional portrait and manipulation of its computerized version, a rather flat relief was "constructed" by the computer.
(Arent Pol)

For additional references to Technology and Methodology, see the following abstracts:

Greek, No. 44

India, No. 259

Western and Central Europe, Nos. 396, 417.

GREEK

40 ALFARO ASINS, C. Lote de monedas cartaginesas procedentes del dragado del puerto de Melilla. *Numisma* 232 (1993) pp. 9-46.

41 ALFARO ASINS, C. Uso no monetar de algunas monedas púnicas de la Península Ibérica. *RIN* 95 (1993) pp. 261-76 illus.

The author examines the secondary function, that of amulet or offering (magical, therapeutic, religious or funerary), of some Punic coins struck in the south of Spain and at Ibiza between the third century B.C. and first century A.D. (*Andrea Carignani*)

42 ALFARO ASINS, C. and C. MARCOS ALONSO. Nota sobre el tesoro de moneda cartaginesa de la Torre de Doña Blanca (Puerto de Santa María, Cádiz). *Actes du XI CIN, 1991* (Louvain-la-Neuve 1993) Vol. 1 pp. 39-44.

43 AMIT, D. and H. ESHEL. Sela Cave. *Hadashot Arch* 100 (1993) pp. 93-94 illus. In Hebrew.

Excavation of this cave west of the Dead Sea yielded an undated tetradrachm of Bar Kochba. (*Arnold Spaer*)

44 AOKI, PAUL N. An Analysis of Eight Ptolemaic Staters. *The Picus* 1993 pp. 45-51 illus.

X-Ray fluorescence and historical study confirm Hazzard's previous research, and the author presents his findings on surface enrichment and metal leaching in silver coinage. (*Thomas Serfass*)

45 ARDOVINO, ANGELO MARIA. Lingotto in argento con impronte monetarie arcaiche da Paestum. *RIN* 95 (1993) pp. 287-93 illus.

A silver ingot with a Greek votive inscription discovered near Paestum is interpreted as an offering consecrated to Demeter. (*Andrea Carignani*)

46 AREVALO GONZALEZ, A. ¿Marcas de valor o símbolos en las monedas de la Ulterior? *Numisma* 232 (1993) pp. 47-60.

47 AREVALO, A. and A. CANTO GARCIA. Moneda y Arqueología. El ejemplo de Ciudad Real. *GacNum* 113 (1994) pp. 13-26.

48 ARNOLD-BIUCCHI, CARMEN. I decadrammi nel mondo greco: monete o medaglie? I decadrammi ellenistici. *RIN* 95 (1993) pp. 243-50 illus.

The author delineates the function and exclusively monetary nature of Hellenistic decadrachms, following the similar work by Maria Alföldi for those of the classical period. The concept of the medal as an issue without exchange value is a concept of the Renaissance and is completely unknown in the ancient world.

(Andrea Carignani)

49 ARSLAN, ERMANNIO A. Uso monetario e non monetario della moneta celtica padana. Considerazioni in margine al ripostiglio di Manerbio 1955. *RIN* 95 (1993) pp. 321-31 illus.

Observations on the Celtic coinage and "pseudo-coinage" of the second century B.C. from the Po region are based on material collected in the Manerbio (Brescia) hoard discovered in 1955.

(Andrea Carignani)

50 BARELLO, FEDERICO. Il rifiuto della moneta coniata nel mondo greco. Da Sparta a Locri Epizefiri. *RIN* 95 (1993) pp. 103-11.

The subject of this article is the cultural and ideological resistance by the landed oligarchy and conservative classes to the introduction of coinage.

(Andrea Carignani)

51 BELL, MALCOLM. Morgantina Studies II. The Coins. *La moneta a Morgantina. Dal tetradrammo al denario*. Atti della Giornata di Studi, Aidone, 13 June 1992. Catania, Associazione Turistica Pro Loco Aidone (Enna) 1993 pp. 11-15 illus.

The author presents an overview of the coins found in excavations between 1955 and 1981 and outlines the contribution of coins struck at the mint of Morgantina to the reconstruction of the historical events of the city.

(Andrea Carignani)

52 BRINDLEY, JAMES C. Early coinages attributable to Issus. *NC* 153 (1993) pp. 1-10.

53 BUCUR, MITREA. Le trésor monétaire de Vedea de Giurgiu. *Dacia*, N.S. 36 (1992) pp. 187-91.

A hoard of 21 tetradrachms of Alexander the Great (14), Philip II (3), Lysimachus (1), Seleucus (1), and uncertain (2), was discovered in 1985 at Vedea,

Giurgiu, County-Walahai. All the coins were struck between 325 and 276 at Babylon, Amphipolis, Paphos, Byblos, Ake, Seleucia, Sardes, Arados, Ephesus, and Syria.

(Constantin Preda)

54 CACCAMO CALTABIANO, MARIA. "Moneta" e "non moneta": aspetti della legalizzazione e della dichiarazione fuori corso nel mondo antico. *RIN* 95 (1993) pp. 113-25.

Based on literary evidence, the author defines the relationship between the state and coinage in the Greek world.

(Andrea Carignani)

55 CAHN, HERBERT. Funktion der signierten Münzen in Syrakus. *RIN* 95 (1993) p. 165.

The article contains observations on the role of engravers' signatures on gold, silver, and bronze coins struck at Syracuse between 420 and 400 B.C.

(Andrea Carignani)

56 CAMPO, M. Las monedas de Ebusus. *VII Jornadas de Arqueología Fenicio-púnica* (1993) pp. 147-71.

57 CAMPO, M. Emisión de Emporion con tipología ateniense. *Actes du XI CIN, 1991* (Louvain-la-Neuve 1993) Vol. 1 pp. 31-38.

58 CAMPO, M. Objectos paramonetales y monedas objeto en Emporion/Emporiae. *RIN* Vol. 95 (1993) pp. 193-203 illus.

The author examines coins used as ornaments or amulets and coin-like objects found at Emporion in the sanctuary of Asclepius and in the cemeteries of various periods.

(Andrea Carignani)

59 CHAVES TRISTAN, F. Indigenismo y romanización desde la óptica de las amonedaciones hispanas de la Ulterior. *Habis* 25 (1994) pp. 107-20.

60 CHAVES TRISTAN, F. and E. GARCIA VARGAS. Gadir y el comercio atlántico a través de las cecas occidentales de la Ulterior. *Arqueología en el entorno del Bajo Guadiana* (1994) pp. 375-92.

61 CRISAN, I.H. Monede grecesti descoperite în cetatile dacice din Muntii Sebesului [Greek coins discovered in the Dacian Camps from the Sebes Mountain]. *Pontica* Vol. 24 (1991) pp. 343-46. French summary.

According to the author the Greek coins discovered in the Dacian camps from the Sebes Mountain demonstrate the integration of the Geto-Dacian society in the Mediterranean civilization.
(Constantin Preda)

62 CUBELLI, VINCENZO. *Moneta e ideologia monarchica: il caso di Eucratide*. *RIN* 95 (1993) pp. 251-59 illus.

The gold 20-stater coin of the Bactrian king Eucratides, now at the Bibliothèque Nationale, is a commemorative document of a military undertaking and the vehicle of an important ideological message affirming Greco-Hellenistic political principles in a cultural arena that was peripheral and in large part alien.
(Andrea Carignani)

63 CUTRONI TUSA, ALDINA. *La circolazione monetaria in Sicilia alla luce degli scavi di Morgantina. La moneta a Morgantina. Dal tetradrammo al denario*. Atti della Giornata di Studi, Aidone, 13 June 1992. Catania, Associazione Turistica Pro Loco Aidone (Enna) 1993 pp. 17-25.

Based on the very rich numismatic finds at Morgantina, the author discusses monetary circulation in Sicily.
(Andrea Carignani)

64 DAVESNE, A. and V. YENISOGANCI. *Les Ptolémées en séleucide: le trésor d'H'üseyinli*. *RN* 6th ser. 34 (1992) pp. 23-36 illus.

The hoard studied here was discovered late in 1986 in the village of Hüseyinli, between Antakya (ancient Antioch on the Orontes) and the Mediterranean. It consisted of 58 gold Ptolemaic pentadrachms and one Seleucid bronze coin. The date of burial can be placed between 264/3 and 258/7. The presence of the gold coins is surprising in a region outside their normal sphere. The beginning of the second Syrian war, marked by a violent attack by Ptolemy II, followed by a victorious counter-attack by Antiochus II, may have resulted in the abandonment of the hoard.

(Authors)

65 DE JERSEY, PHILIP. *Coinage in Iron Age Armorica*. Studies in Celtic coinage No. 2, Oxford University Committee for Archaeology, Monography 39. Oxford 1994. x + 266 pp. illus.

This volume places the development of Armorican Celtic coinage in its archaeological and geographical context. Chapters on the definition of the region, the late Iron Age archaeological evidence, and the relationship of this part of northwest France to Rome, are followed by a consideration of the function and role of Celtic coinage. Armorican coinage is then discussed in detail, from the first imitations of the stater of Philip II of Macedon through to the production of huge quantities of billon coinage at the time of the Gallic War. The concluding chapter suggests a possible scheme for the development of coinage in the Armorican region. Appendices list details of 170 hoards known from the area, and provenanced finds are plotted on a series of maps with full bibliographic information.
(Author)

- 66** FORABOSCHI, DANIELE. La tesaurizzazione o la moneta nascosta. *RIN* 95 (1993) pp. 333-36.

The author briefly considers the phenomenon of the burial of coin hoards in antiquity. (Andrea Carignani)

- 67** GARCIA-BELLIDO, M.P. El proceso de monetización en el Levante y Sur hispánico durante la segunda guerra púnica. *Lenguas y Culturas en la Hispania Prerromana*, Actas del V Coloquio, Colonia Nov. 1989 (1993) pp. 318-48.

- 68** GARRAFFO, SALVATORE. Gli scavi di Morgantina e la monetazione nella Sicilia orientale fra Dionisio e Timoleonte. *La moneta a Morgantina. Dal tetradrammo al denario*. Attic della Giornata di Studi, Aidone, 13 June 1992. Catania, Associazione Turistica Pro Loco Aidone (Enna) 1993 pp. 27-54 illus.

Based on the results of investigations undertaken at Morgantina, the author proposes a global reconsideration of the sphere of monetary circulation in eastern Sicily in the fourth century B.C. (Andrea Carignani)

- 69** GARRAFFO, SALVATORE. Nota sui decadrammi sicelioti: aspetti e funzione. *RIN* 95 (1993) pp. 167-87 illus.

The author puts forth some thoughts on the typological and chronological aspects of the Syracusan *Demarateion* from the first half of the fifth century B.C. and of the decadrachms of Agrigentum and Syracuse from the second half of the fifth century B.C. (Andrea Carignani)

- 70** GIMENO, J. El conjunto monetario de Valdetormes de Jarama (Madrid). Reflexiones sobre la circulación monetaria en el área central de la Península Ibérica. *Actes du XI CIN, 1991* pp. 371-80.

- 71** GORINI, GIOVANNI. Pseudomonete incuse dalla Dalmazia. *RIN* 95 (1993) pp. 127-44 illus.

The author examines the phenomenon of the discovery of incuse coins of Metapontum on the Dalmatian coast. With all probability, this is not an instance of coinage as a means of exchange but rather of the coins' secondary function as apotropaic or talismanic objects. (Andrea Carignani)

- 72** HANSEN, PETER. The Galvano Forgeries (previously called the British Museum Forgeries). *Trident* No. 9 (October 1993) pp. 14-15.

The author discusses and expands part of an article in the *Bulletin on Counterfeits* of the IBSCC (Vol. 17 Nos. 1 and 2) concerning recent forgeries of Greek and Roman coins, some of which have been sold at auction.

(John Melville-Jones)

73 HARRISON, R. Hellenization in Syria-Palestine: The Case of Judea in the Third Century B.C.E. *Biblical Archaeology* Vol. 57 No. 2 (June 1994) pp. 98-108 illus.

On pages 100-102 some Yehud and Philisto-Arabian coins are illustrated and discussed in the context of Ptolemaic monetary policy and economic development in Judea.

(Arnold Spaer)

74 HASELGROVE, COLIN. The development of British Iron-age coinage. *NC* 153 (1993) pp. 31-63.

75 HASELGROVE, COLIN. Coinage and currency in Iron Age Wessex. A.P. Fitzpatrick and E.L. Morris, eds., *The Iron Age in Wessex: Recent Work* (1994) pp. 22-25 illus.

76 HAZZARD, RICHARD A. Portrait Coins of the Ptolemies. *The Picus* 1993 pp. 8-34 illus.

26 portrait coins are illustrated (along with two busts) which cover the dynasty from a silver tetradrachm of Ptolemy I through a silver denarius of Juba II of Mauretania.

(Thomas Serfass)

77 HAZZARD, RICHARD A. Ptolemaic Notes: Delta, the Greatest Engraver of the Ptolemies. *The Anvil* Vol. 4 No. 3 (May 1, 1994) pp. 25-27 illus.

78 HERBERT, SHARON C. and Y. MESHORER. *Tel Anafa I, I. Final Report on Ten Years of Excavation at a Hellenistic and Roman settlement in Northern Israel*. Journal of Roman Archaeology Suppl. Series 10. Ann Arbor MI, Kelsey Museum of Archaeology 1994.

Chapter 4 (pp. 241-60) is a catalogue, partially illustrated, of 319 coins found between 1968 and 1986. The coins cover the period from the late 4th century B.C. to the Ottoman period. Seven are of silver, the rest of copper.

(Arnold Spaer)

79 HOLLOWAY, R. ROSS. Gettoni da calcolo provenienti dagli scavi di Ustica. *RIN* 95 (1993) pp. 189-91 illus.

412 terra cotta disks, without intrinsic value, have been found in recent excavations at a fortified village of 1400-1200 B.C. on the island of Ustica. The author interprets them as calculation tokens, probably used for the rare and precious commodity of the island, water. (Andrea Carignani)

80 HOUGHTON, A. The Seleucid Mint of Aegae in Aeolis. *RN* 6th ser. 34 (1992) pp. 229-32 illus.

The article discusses the limited coinage of Antiochus II (261-246 B.C.) that can be securely attributed to Aegae in Aeolis. The two principal series of Aegae's Seleucid include twenty-two coins that can be divided into nine issues. *WSM* 1510, a tetradrachm issue with the obverse representation of Antiochus I and reverse type of Heracles seated on a rock that E.T. Newell gave to Aegae, is here reassigned to Temnos. The known coins of Aegae now indicate that this city was not acquired by Pergamum until some years after the peace of 252 B.C. that brought an end to the Second Syrian War. (Author)

81 INGVALDSEN, HÅKON. *Utmyntningen på Kos 366-190 f.Kr. [The Coinage of Cos 366-190 B.C.]*. Mag. Art.-thesis, University of Oslo 1994. 215 pp. In Norwegian (unpublished).

This study was presented for the Magister Artium-degree at the Institute of Archaeology, Numismatics and History of Art, University of Oslo, in May 1994 (cf. *NNUM* 6 [1994] pp. 132-33). Besides chapters on historical accounts and earlier research, the thesis presents a chronological study and catalogue of about 900 silver and bronze coins divided into 16 series (including die studies on the silver coins). All series are given more accurate or new datings. Fourteen hoards are listed. Eight names of magistrates are additions to the *LGPN*. An enlarged edition (in English) is under preparation. (Author)

82 KELLNER, HANS-JORG. La moneta. *I Celti*, Catalogo della Mostra, Palazzo Grassi, Venice. Milan, Bompiani 1991 pp. 451-60 illus.

The author provides a succinct summary of the principal phases of Celtic coinage, from the first issues under the twofold influence of Macedonian coinage and the drachms of Massalia, to the final Augustan bronze alloy issues used to pay the auxiliary troops during Rome's military campaigns against the Germani.

(Andrea Carignani)

83 LE RIDER, G. Séleucos IV à Ptolemais. Le trésor du Liban 1989. *RN* 6th ser. 34 (1992) pp. 37-45 illus.

A group of 105 tetradrachms, brought from Lebanon in 1989, contained 15 coins of Lysimachus, 4 of Philetairos, and 86 Seleucid coins; the latest group consisted of 41 coins of Seleucos IV (187-175) struck at Antioch, Ptolemais, Nisibis, and an unidentified Cilician mint; this material permits the re-examination of the Ptolemaic

coinage of Seleucos IV and indicates that Antioch and Nisibis may have participated in the organization of this coinage. (Author)

84 LESCHHORN, WOLFGANG. *Antike Ären. Zeitrechnung, Politik und Geschichte im Schwarzmeerraum und in Kleinasien nördlich des Tauros*. Historia Einzelschriften Vol. 81. Stuttgart 1993. 576 pp. illus.

Discussed and calculated are the era dates (year numbers) on coins of the Bosporan, Pontic and Bithynian Kingdoms, of the cities in Pontus, Paphlagonia, Bithynia and the Northern Black Sea area, on the Cistophori and Hellenistic coins struck in Alexandria Troas, Alabanda, Tralleis, Ephesus, Sardis and Smyrna, on coins of Cibyra, Laodicea/Phrygia, Dionysopolis, Hyrgaleis and of the Pisidian cities Termessus, Isinda, Cremna, on coins struck in the province of Galatia. (Author)

85 LITI, SOFOKLI. Nuovi dati numismatici dalla Caonia. *Notizie dal Chiostro del Monastero Maggiore. Rassegna di Studi del Civico Museo Archeologico e del Civico Gabinetto Numismatico di Milano* 49-50 (1992) pp. 5-8.

The author presents some notes on the issues of Phoenicia and Buthrotum between the third century B.C. and the first century A.D. (Andrea Carignani)

86 MALEK, HODGE MEHDI. A survey of research on Sasanian numismatics. *NC* 153 (1993) pp. 227-69 illus.

87 MANFREDI, LORENZA I. LKŠ e MQM ŠMŠ: nuovi dati dal convegno su Lixus 1989. *RStudFenici* 21 suppl. (1993) pp. 95-102.

The author presents considerations on the Punic and neo-Punic coins struck at Lixus between the second century B.C. and the first century A.D. (Andrea Carignani)

88 MANFREDI, LORENZA I. Aramei ad Oea. G. Garbini, *Aramaica* (Dipartimento di Studi Orientali. Studi semitici n.s. 10, Università di Studi "La Sapienza", Rome 1993) pp. 193-98.

Based on a study of place names, epigraphy, and numismatics, the author outlines the contribution of the ethnic Aramaic component in the East in general, and at Oea (Tripoli) in particular, from the Phoenician colonial expansion of the eighth century B.C. (Andrea Carignani)

89 MANNINO, KATYA. Le monete in terracotta. *RIN* 95 (1993) pp. 207-42 illus.

The author's observations are based on terracotta coins from excavations at Metapontum which bear legends and types copied from coins of Magna Graecia,

Greece, Phoenicia, and the East between the fifth century B.C. and the Hellenistic period.
(Andrea Carignani)

90 MARABINI MOEVS, MARIA TERESA. Strategos and Savior: a Portrait of Ptolemy I at Baltimore. *BdA* 77 (1993) pp. 1-28 illus.

On the basis of comparisons with coins and other works of art, the author proposes to identify a bronze head in the Walters Art Gallery in Baltimore as a portrait of Ptolemy I.
(Andrea Carignani)

91 MARQUES DE FARIA, A. Epigrafia monetária meridional. *Conimbriga* 30 (1991) pp. 13-21.

92 MASTELLONI, MARIA AMALIA. Rinvenimenti numismatici: brevi note sulla circolazione. *Crotone e la sua storia tra IV e III secolo a.C.* Naples, Università degli Studi "Federico II" di Napoli, 1993 pp. 197-210.

The author describes finds from the fourth and third centuries B.C. from the urban area of modern Croton and from the region between the Ciró Marina and Isola Capo Rizzuto, preserved in the Museo Statale di Crotone. The author proposes relative chronologies for the bronze series and some dates for circulation of both foreign and local coinage.
(Sara Sorda)

93 MATTINGLY, HAROLD B. A New Light on the Early Silver coinage of Teos. *SNR* 73 (1994) pp. 5-12 illus.

Based on a stater of Teos overstruck on a datable Boeotian coin, the author strongly advocates that Teian coinage did not come to an end in ca. 449 B.C. but continued for another decade or so, thus furnishing an additional argument in favor of the 'low' dating of the Athenian Coinage Decree.
(Editor)

94 MEGAW, J.V.S. La musica celtica. *I Celti*, Catalogo della Mostra, Palazzo Grassi, Venice. Milan, Bompiani 1991 pp. 643-48 illus.

In an article devoted to the history of music among the Celts, the author refers to an instrument called the *carnyx*, a type of horn or trombone made from an animal horn, which appears in the hand of a horseman on the reverse of a gold coin of Tasciovanus, king of the Catuvellauni (first half of the first century B.C.). Lyres, double flutes, and Apollo as musician appear often on the coins of this and other Celtic peoples.
(Andrea Carignani)

95 MELVILLE-JONES, J.R. *Testimonia Numaria: Greek and Latin texts concerning ancient Greek coinage*. Vol. I: Texts and Translations. London 1993. xii + 544 pp.

The author publishes 927 texts and English translations, to be supplemented by a second volume of commentary and essays.
(*E.M. Besly*)

96 METCALF, WILLIAM E. A Late Second Century Hoard of Posthumous Alexanders. *SNR* 73 (1994) pp. 19-60 illus.

The author records an extensive hoard (since dispersed) of broad-flan Alexander tetradrachms with a special study of the occurring countermarks and comparing the date of deposit with other hoards of the period.
(*Editor*)

97 MICHAELIDOU-NICOLAOU, INO. Four Ptolemaic/Roman hoards from Cyprus. *NC* 153 (1993) pp. 11-29.

98 MIRNIK, IVAN. A Thracian silver coin hoard in the Osijek Slavonian Museum. *NC* 153 (1993) pp. 197-200 illus.

99 MONTANI PERTOSA, E. L'Apollo degli incusi di Caulonia: un'eco della grande bronzistica arcaica? *Xenia Antique* (Rome, L'Erma di Bretschneider) II (1993) pp. 5-12 illus.

The author proposes that this coin type was based on a large statue of Apollo and assigns the coin to the period after 500 B.C.
(*Sara Sorda*)

100 MORA SERRANO, B. Un reflejo de la propaganda imperial en la moneda hispano-púnica: Malaca. *Actes du XI CIN, 1991* (Louvain-la-Neuve 1993) Vol. 1 pp. 325-30.

101 MØRKHOLM, OTTO. *Early Hellenistic Coinage: From the Accession of Alexander to the Peace of Apamea (336-188 B.C.)*. Edited by Philip Grierson and Ulla Westermark. Cambridge, Cambridge University Press 1991. 273 pp. illus.

The author died an untimely death in 1983 after finishing only part of this ambitious work. The first part of this work introduces metals, weight standards, methods of coin production and use, types and inscriptions for all Hellenistic coinage. The second covers the coins of Philip II, Alexander the Great and his immediate successors to ca. 280. The third traces Hellenistic coinage in the East, Macedonia, and Greece to ca. 188 B.C. Philip Grierson edited the work and added a foreword and epilogue material (tables, a glossary, and a bibliography of scholarship since 1983).

(*Thomas Serfass*)

102 NICOLET-PIERRE, H. Xerxès et le trésor de l'Athos (ICGH 362). *RN* 6th ser. 34 (1992) pp. 7-22 illus.

A new study shows that the Athenian tetradrachm Paris 397, which comes from the Behr collection catalogued by François Lenormant, cannot belong to this hoard. The darics of this hoard acquired by H.P. Borrell are among the earliest pieces of Type III (archer with arrow), and were struck during the reign of Xerxes. (Author)

103 NORTHOVER, J.P. Bronze, silver, and gold in Iron Age Wessex. A.P. Fitzpatrick and E.L. Morris, eds., *The Iron Age in Wessex: recent work*. (1994) pp. 19-22.

This article includes a brief discussion of coinage. (E.M. Besly)

104 OECONOMIDES, MANDO. "Iron Coins": a Numismatic Challenge. *RIN* 95 (1993) pp. 75-78.

The author discusses the so-called "Iron Coins," citing nineteen examples attributed to various Greek mints (Argos, Phocis, Tegea Heraia in Arcadia, etc.). Their monetary function has not yet been determined. (Andrea Carignani)

105 OTERO MORAN, P. Consideraciones sobre la presencia de acuñaciones celtibéricas en zonas mineras de la Hispania Ulterior. *Actes du XI CIN, 1991* (Louvain-la-Neuve 1993) Vol. 2 pp. 49-58.

106 PARISE, NICOLA F. La monetazione dei Brettii. *Crotone e la sua storia tra IV e III secolo a.C.* Naples, Università degli Studi "Federico II" di Napoli 1993 pp. 187-96 illus.

Dated to the last fifteen years of the third century B.C., the issues of the Brettii would have followed the invasion of Hannibal. The resulting coin circulation integrated traditional Punic currency with that of the allies in the Greek tradition. The series with the legend BRETTIQN ended with the departure of the Carthaginians. (Sara Sorda)

107 PELLICER I BRU, J. Volúmenes y pesos pre-romanos de la Península Ibérica. Sobre el epígrafe del cuenco de la Granjuela. *Numisma* 232 (1993) pp. 61-90.

108 PERA, ROSSELLA. La moneta antica come talismano. *RIN* 95 (1993) pp. 347-61 illus.

The article contains observations on the apotropaic and talismanic function of coinage in the ancient world, occupying a position between ornament and superstition. (Andrea Carignani)

109 PETRÁNYI, GYULA. Dyrhachiumi borját szoptató téhen típusu drachma egykoru hibrid utánzatának több példánya [Several pieces of a

contemporary hybrid imitation of the drachm with a type of a nursing calf from Dyrrhachium]. *NK* Vol. 92-93 (1993-94) pp. 109-11.

110 PETROVA, ELEONORA. Pajonskite pleminja i pajonskoto kralstvo vo II i I milenium pred N.E. [The Paeonian tribes and the Paeonian kingdom in the second and first millennium B.C.]. *Macedoniae acta archaeologica* 12 (1990-91) pp. 9-130 illus. English summary.

A synthesis of recent research on the political and territorial evolution and disappearance of the Paeonians, with a section on numismatic evidence and illustrations of issues attributed to the Paeonian tribes and related tribes and town, including the Derrones and Derronian kings, Ichnae, Lete, Tynteni, Grai or Doberoi, Paeoplai and Siropaeones, as well as the Paeonian kings Lykkeius, Patraos, Audoleon, Leon, and Dropion.
(Charles B. Smith, Jr.)

111 PETTARIN, S. Rinvenimenti di monete celtiche a Moggio Udinese. *Aquileia nostra* 62 (1991) pp. 102-23 illus.

This article reviews reports of finds in the region of Moggio. There are coins of various Celtic tribes, now in Italian and foreign collections, which were found individually and in hoards.
(Sara Sorda)

112 RIKLIN, S. Ofarim. *Hadashot Arch* 100 (1993) pp. 45-6. In Hebrew.

At this site east of Tel Aviv seven coins were excavated including five Prutoth of Alexander Jannaeus.
(Arnold Spaer)

113 RIPOLLÈS, P.P., J. MUÑOZ, and M. LLORENS. The original number of Dies used in the Roman Provincial Coinage of Hispania. *Actes du XI CIN, 1991* (Louvain-la-Neuve 1993) Vol. 1 pp. 315-24.

114 RIZZOLI, LUIGI. *Ritrovamenti monetali nel Veneto. Contributi scelti di numismatica*. Bollettino del Museo Civico di Padova 65, 1976.2 (Padua 1993). 184 pp. illus.

This is a publication of selected articles of L. Rizzoli (1874-1943), curator of the Museo Bottacin at Padua, on the theme of the monetary circulation in Veneto in antiquity.
(Andrea Carignani)

115 SICILIANO, ALDO. "Monete" in piombo rinvenute in Messapia. *RIN* 95 (1993) pp. 145-63 illus.

The author documents the location of finds of lead coins in Messapia.
(Andrea Carignani)

116 STAZIO, A. La monetazione argenea di Crotona nel IV-III sec. a.C. *Crotona e la sua storia tra IV e III secolo a.C.* Naples, Università degli Studi "Federico II" di Napoli 1993 pp. 103-109.

117 TALIERCIO MENSITIERI, MARINA. Problemi della monetazione in bronzo di Crotona. *Crotona e la sua storia tra IV e III secolo a.C.* Naples, Università degli Studi "Federico II" di Napoli 1993 pp. 111-29 illus.

The review of bronze issues is followed by research on the significance of the types. The production of bronze coins would have begun before 400. Initially, they co-existed with fractional silver coins in circulation, but eventually the bronze coins superseded the silver ones. (Sara Sorda)

118 TALIERCIO MENSITIERI, MARINA. Problemi monetari di Hipponion e delle città della Brettia tra IV e III sec. a.C. *Crotona e la sua storia tra IV e III secolo a.C.* Naples, Università degli Studi "Federico II" di Napoli 1993 pp. 131-86 illus.

An examination of the monetary issues of the mints (Hipponion, Terina, Cosentia, Noukria, Hyporion and Mystia, Laos, Skyllition) leads to a general discussion of the relationships between the individual cities and with the outside world. (Sara Sorda)

119 VAN ARSDELL, ROBERT D. *The Coinage of the Dobunni: money supply and coin circulation in Dobunnic territory.* With a Gazetteer of findspots by Philip de Jersey. Studies in Celtic coinage No. 1, Oxford University Committee for Archaeology, Monograph 38. Oxford 1994. vi + 89 pp. illus.

The coinage of the Dobunni is examined from a number of viewpoints: through typology, distribution, metallurgy, metrology and an analysis of die-links and die-tallies (for the gold coinage). An attempt is made to reconstruct the economic history of the tribe and to estimate the money supply from the inception of minting to the Claudian invasion. It is suggested that a prosperous late Iron Age economy was twice subjected to rapid but shortlived change due to the import or export of large amounts of gold bullion. Consideration is also given to the use of coinage in mapping tribal boundaries. A gazetteer of findspots lists all the provenances of Dobunnic coinage recorded in the Celtic Coin Index at the Institute of Archaeology, Oxford.

(P. de Jersey)

120 VICARI, FABIO. Materiali e considerazioni per uno studio organico della monetazione etrusca. *RIN* 93 (1991) pp. 3-78 illus.

The author publishes a catalogue of 251 Etruscan coins. (Andrea Carignani)

121 WALLACE, MALCOLM B. After Athens: Some Notes on Greek Coinage, 413-386 BCE. *The Picus* 1993 pp. 37-43.

Among other notes, the author explains that the coinage of several city-states of the eastern Aegean suggests an alliance of sorts after the Athenian navy's defeat at Syracuse in 413. (Thomas Serfass)

122 WARTENBERG, U., M. JESSOP PRICE, and K.A. MCGREGOR, eds. *Coin Hoards, volume VIII: Greek Hoards*. London, Royal Numismatic Society 1994. xii + 113 pp. illus.

The eighth volume of the series *Coin Hoards* is dedicated solely to hoards of Greek coins from all areas around the Mediterranean from the sixth century B.C. to the second century A.D., and lists 604 hoards. Nine hoards are discussed in more detail. Coins from the hoards are illustrated on 87 plates. (E.M. Besly)

123 XELLA, PAOLO. A propos de sys dans les légendes monétaires puniques en Sicile. *SNR* 73 (1994) pp. 13-18 illus.

The author presents a summary of the research on the Punic legend SYS, stressing its identification with the Greek Panormos. (Editor)

124 ZUPANCIC, M. Un tetradramma celtico da San Giorgio di Nogaro. *Aquileia Nostra* 62 (1991) pp. 126-27 illus.

For additional references to Greek numismatics, see the following abstracts:

General, No. 23

Roman, Nos. 127, , 145, 164, 193

Western and Central Europe, No. 347.

ROMAN

125 AMANDRY, M. Notes de numismatique africaine. VI.8. Achulla. *RN* 6th ser. 34 (1992) pp. 46-53 illus.

The Augustan coinage of Achulla is examined in this article. Struck under Varus and Saturninus, in 8/7 and 7/6 B.C., it formed an integral part of the local coinage of Byzacium (Hadrumentum, Lepti Minus and Thapsus) on which appear the portraits of the proconsuls, the *principis amici*. (Author)

126 AMELA VALVERDE, L. Las monedas de bronce acuñadas por Sexto Pompeyo en Hispania. *GacNum* 113 (1994) pp. 33-37.

127 ARDEVAN, RADU. Circulatia monetara în asezarea de la Gherla, jud. Cluj [Monetary circulation in the Roman settlement at Gherla, Cluj County]. *Ephemeris Napocensis* Vol. 3 (1993) pp. 111-22. English summary.

In the Roman settlement at Gherla 362 ancient coins were discovered: 7 Dyrrhachion drachms, 3 Roman Republican denarii, 13 Roman Imperial coins from before the Roman conquest in Dacia (Claudius-Nerva), 230 coins from the period of Trajan to Aurelian, and over 100 fourth-century coins issued between the reigns of Probus and Arcadius. Most of the coins are from the reigns of Trajan, Hadrian, Antoninus Pius, Marcus Aurelius, Septimius Severus, and Philip the Arab (Philip I).

(Constantin Preda)

128 BAART, J.M. *Inventarisatie van romeinse muntvondsten in Noord- en Zuid-Holland*. Nedelandse Archeologische Rapporten 12. Amersfoort 1991.

129 BAKKER, J.A. De Romeinse muntschatten van Brandlecht (1620), Ringe (1654/55) en Emsbüren (vóór 1713) in eigentijdse berichten. *Jaarboek voor Munt- en Penningkunde* 80 (1993) pp. 5-21.

Two hoards of Roman coins found in the 17th century are discussed, together with a possible third one.

(Arent Pol)

130 BALVEREN, A.F.A.M. VAN. De monetaire propaganda van Septimius Severus tijdens de burgeroorlogen van 193-197. *Jaarboek voor Munt- en Penningkunde* 80 (1993) pp. 37-92.

The propaganda on coins of the emperor Septimius Severus was a necessary instrument for the enhancement of his prestige and the legitimation of his tenure of power. The fact that it is found only on small silver coins from the mint of Rome leads the author to the conclusion that Severus was personally involved in the coinage; the emperor was present in that city during the time of their emission.

(Arent Pol)

131 BAR, MARC. A propos du poids des plaques d'*aes signatum*, de leur nature et de leur fonction. *RIN* 95 (1993) pp. 277-86 illus.

This article analyzes *aes signatum* of the mid-Republic: weight, alloy, value in relation to silver, and main function (payment of war tribute, sanctuary treasures, penal fines, etc.).

(Andrea Carignani)

132 BARENGHI, FRANCESCA. I medaglioni "senatorii": veri medaglioni? *RIN* 95 (1993) pp. 413-23.

The author considers the possibility that "senatorial" medals were struck not for circulation but for gifts. They bear the legend S C, but it is unclear whether they were

really struck with the authority of the Senate or if, on the other hand, the legend was merely a decorative symbol
(*Andrea Carignani*)

133 BASLER, DJURO. Novci plemena Daorsi sa Gradine u Ošanicama [Coin of the tribe of the Daorsi from Gradina in Ošanjici]. *Numizmaticar* (Sarajevo) 1 (Dec. 1971) pp. 4-8 illus.

The author describes a coin in the collection of the Regional Museum in Sarajevo found at a site believed to have been the main settlement of the Illyrian tribe of the Daorsi, located northwest of Stolac in Hercegovina. The political and economic environment of the rare issue is outlined, and the issue is tentatively dated to the brief period after the defeat of Gentius of Illyria by the Romans. (*Charles B. Smith, Jr.*)

134 BASLER, DJURO. Moneta Maezeica Praehistorica [Coins of Prehistoric Maezeica]. *Numizmaticar* (Sarajevo) 2-3 (Dec. 1972) pp. 14-17 illus.

The Regional Museum in Sarajevo includes in its collection 16 copper coins found in 1962 at Majdanište in Blagaj on the Japra River near Bosanski Novi. The site was a center for pre-Roman and Roman metalworking. The coins, of 13-15 mm in diameter and 2.5 to 2.8 grams in weight, show a male head with helmet, right, on the obverse, and a leaping dolphin, left, on the reverse. An inscription on the reverse may be read as the old Latin letters A S C. The coins are attributed to the Pannonian tribe of the Mezeja or Maezeica. (*Charles B. Smith, Jr.*)

135 BELIËN, P.A.M. Een hybride munt uit Nijmegen. *Beeldenaar* 15 (1991) pp. 393-94.

A "hybrid" Augustan *as* found at Nijmegen turned out to be an imitation.

(*Arent Pol*)

136 BLAZQUEZ CERRATO, C. Coin circulation in the Extremadura during the Republic and High-imperial periods. *Actes du XI CIN, 1991* (Louvain-la-Neuve 1993) Vol. 2 pp. 241-48.

137 BODON, G. L'interesse numismatico ed antiquario nel primo Trecento veneto. Disegni di monete antiche nei codici delle "Historiae Imperiales" di Giovanni Mansionario. *Xenia Antiqua* (Rome, L'Erma di Bretschneider) II (1993) pp. 111-24 illus.

At the beginning of the 14th century, Giovanni di Matociis illustrated his *Historiae Imperiales* with drawings of ancient monuments and of coins. A comparison of the various editions of the manuscript permits recognition of the cases in which the models for the drawings were ancient coins. Presumably he was in a position to use the collections of ancient coins in Verona. (*Sara Sorda*)

138 BRIGGS, DAPHNE, COLIN HASELGROVE, and CATHY KING. Iron Age and Roman Coins from Hayling Island Temple. *BNJ* 62 (1992) pp. 1-62 illus.

The 151 Iron Age and 152 Roman coins found in excavations at Hayling Island, Hampshire, between 1976 and 1982 are published. Both Iron Age and Roman coins are discussed in relation to their deposition at the temples and in the wider context of other southern British and Continental sites.
(E.M. Besly)

139 CACCAMO CALTABIANO, MARIA. Morgantina e l'introduzione del sistema denariale. *La moneta a Morgantina. Dal tetradrammo al denario*. Atti della Giornata di Studi, Aidone, 13 June 1992. Catania, Associazione Turistica Pro Loco Aidone (Enna) 1993 pp. 55-70 illus.

The author proposes new hypotheses for the chronology of the introduction of the Roman silver denarius on the basis of the presence of Roman coins in third century B.C. levels excavated at Morgantina.
(Andrea Carignani)

140 CALLU, JEAN-PIERRE. Un aureus du Barbaricum. *RIN* 95 (1993) pp. 461-72.

It is uncertain whether an aureus of Septimius Severus and Caracalla, currently in the coin cabinet of the Biblioteca Vaticana, had a commercial function in the frontier commerce with the Goths or whether it ought to be considered merely a talismanic object.
(Andrea Carignani)

141 CAPITANU, VIOREL. Dava geto-dacica de la Racatau, jud. Bacau [Geto-Dacian Dava from Racatau, Bacau County]. *Materiale* (1992) p. 139 illus.

A Roman Republican denarius issued in the year 68-66 B.C. (Sydenham 822) was discovered in the Geto-Dacian settlement from Racatau, Bacau County-Moldavia.
(Constantin Preda)

142 CELLINI, G.A. Tyche e Nemese nelle monete di Smirne. *Miscellanea Greca e Romana* (Rome, Istituto Italiano per la Storia Antica) 18 (1994) pp. 89-103 illus.

First appearing on coins from the Antonine period, the Tyche type struck at Smyrna reproduces an entirely Hellenistic type. Nemesis appears with greater frequency and for a broader period (from Nero to Gallienus) and derives from a Hellenistic type that interprets with new energy a theme of the sixth century B.C.
(Sara Sorda)

143 CEPEDA, J.J. Monedas procedentes del castro de Penadominga (Bendollo, Quiroga, Lugo). *Numisma* 232 (1993) pp. 91-108.

144 CHRISTIANSEN, ERIK. The Roman Coins of Alexandria. "State of affairs." *Proceedings of the 10th International Congress of Papyrologists*. Copenhagen, 23-29 Aug. 1992. Copenhagen, University of Copenhagen 1994 pp. 478-83.

The aim of the paper is to give an up-to-date survey of recent research in the field: the main advances we believe to have been made, important questions under discussion, and some of the unsolved problems. (Author)

145 CREIGHTON, JOHN. A time of change: the Iron Age to Roman monetary transition in East Anglia. *Oxford Journal of Archaeology* 13 (1994) pp. 325-33.

The majority of Icenian coin hoards have traditionally been dated to the historical events of the Boudiccan revolt. This paper removes that link and examines the material using classical numismatic methods to show that far from all being of one date they represent a series of depositions throughout the period of the client kingdom: A.D. 43-60/1. It also demonstrates the gradual increase in use of Roman coins within that kingdom alongside the local Iron Age series. (Author)

146 CULLHED, MATS. *Conservator urbis suae. Studies in the politics and propaganda of the emperor Maxentius*. Skrifter utgivna av Svenska Institutet i Rom, 8°, 20. Stockholm 1994. 108 pp. illus. ISBN 91-7042-149-8.

The Roman emperor Maxentius (A.D. 306-12) has usually been seen as a usurper who sought, but never gained, recognition from the other rulers of the Tetrarchy. Maxentius' reign has been considered a political failure. These studies are an attempt at re-evaluating Maxentius' politics, as they can be reconstructed from his propaganda (for example, coins and architectural monuments) and from information in the literary sources, above all Lactantius. Interpreting this material within the context of the political realities of the early fourth century and with the aid of modern research on the Principate leads to the conclusion (a) that Maxentius could claim, by many different criteria, that he was a legitimate ruler, (b) that he never wanted to enter the Tetrarchy, and (c) that he aspired to supreme power for himself. His main weapon of propaganda against his competitors was the city of Rome, where he resided. His position there was a challenge to the Tetrarchy's decentralized power structure and served to undermine the concord of the tetrarchs. (Author)

147 DEMBSKI, GÜNTHER. Römische Notgeld in Noricum und Pannonien. *RIN* 95 (1993) pp. 453-60.

The subject of this article is the production of "pseudo-coins," forgeries, and surrogates that circulated in the regions of Noricum and Pannonia in the early and middle Empire. (Andrea Carignani)

- 148** DUMITRASCU, SEVER. *Dacia apuseana* [Western Dacia]. Oradea 1993.

The author includes a chapter on coin finds from the western and northwestern regions across the border of Roman Dacia. Seven hoards which include Roman imperial coins of the first through third centuries A.D. are known, as well as 37 isolated finds from the same period. All these coins were discovered over the border of the Roman province of Dacia, in the area of the free Dacian tribes.

(Constantin Preda)

- 149** DUNCAN-JONES, R.P. *Money and Government in the Roman Empire*. Cambridge 1994. xix + 300 pp. illus.

The book examines Roman coin production and coin circulation in the period 31 B.C. to A.D. 235, together with their fiscal and economic background, concentrating chiefly on the central precious-metal currency. Separate chapters are devoted to the Imperial budget, taxation, the chronology of coin output, circulation speed, wastage and reminting of coin, and changes in weight and metal-standards. 230 larger coin hoards are considered, together with material from Egypt and from outside the Empire. Regional analyses argue for mainly localised circulation patterns. The findings suggest that gold coin already predominated in face-value, and that major coin hoards of this period had military origin. Die-totals for Hadrian's reign are estimated from new die studies, using the negative binomial distribution and hoard extrapolation. The value of coin circulating in the mid-second century is broadly estimated at 20 billion sesterces.

(Author)

- 150** ESTY, WARREN W., NANCY EQUALL, and RICHARD J. SMITH. The alloy of the 'XI' coins of Tacitus. *NC* 153 (1993) pp. 201-4.

- 151** FORREST, BOB. The Visions of Constantine the Great and Related Matters. *NI* 29 No. 2 (Feb. 1994) pp. 37-46 illus.

Historical background and Christian iconography on late Roman coins is provided.

(Joseph Uphoff)

- 152** GARZON BLANCO, J.A. Los tipos monetarios en el Oriente romano en tiempos de Antonino Pio: propaganda imperial y documentación. *GacNum* 113 (1994) pp. 39-50.

- 153** GARZON BLANCO, J.A. Acuñaciones locales de Adriano y su familia en las provincias del Oriente romano. *Actes du XI CIN*, 1991 (Louvain-la-Neuve 1993) Vol. 1 pp. 377-86.

154 GEISER, ANNE. Trouvailles monétaires de la villa romaine de Baugy. *Bulletin, Association des Amis du Cabinet des Médailles* (Lausanne), Vol. 6/1993 pp. 3-14 illus.

155 GILLJAM, HANS. A new gold coin of Postumus. *NC* 153 (1993) pp. 205-6 illus.

156 GORINI, GIOVANNI. Moneta e scavo nel Veneto romano. Bianca M. Scarfi, ed., *Studi di Archeologia della X Regio in ricordo di Michele Tombolani* (Rome, L'Erma di Bretschneider 1994) pp. 261-68.

157 GORINI, GIOVANNI. Il ripostiglio di bronzi del III sec. d.C. di Canin (Padova). *Archeologia Veneta* 15 (1992) pp. 95-100 illus.

The author reconstructs a hoard found near Padua in 1925 and later dispersed. The 1081 bronze coins that comprised it cover a chronological range from Germanicus to the third century A.D.
(Andrea Carignani)

158 GORINI, GIOVANNI. L'offerta di monete nei santuari: il caso di Este. A. Mastrocinque, ed., *Culti pagani nell'Italia settentrionale* (Trento, Dipartimento di Scienze Filologiche e Storiche 1994) pp. 69-94 illus.

Based on an analysis of coins found in the sanctuary at Este, the author reconstructs the various phases in the development of ritual coin offerings from the third century B.C. to the fourth century A.D.
(Andrea Carignani)

159 HEESCH, JOHAN VAN. The last civic coinages and the religious policy of Maximinus Daza (A.D. 312). *NC* 153 (1993) pp. 65-75.

160 HOWGEGO, CHRISTOPHER. Coin circulation and the integration of the Roman economy. *JRA* 7 (1994) pp. 5-21.

The author examines the relationship between trade and coin circulation and attempts to determine the extent of the integration of the Roman economy. He rejects the divergent models suggested by Hopkins and Duncan-Jones and argues that official inter-region movement of coinage and its subsequent long-distance movement must be incorporated in future models.
(Harriet Schwartz)

161 KENT, JOHN. Coin inscriptions and language. *University of London Institute of Archaeology Bulletin* No. 29 (1992; pub. 1993) pp. 9-18 illus.

Coin legends offer an interesting sidelight on the pronunciation of Latin. The language of coinage is mostly produced by a central authority but forms which are exceptional, emanating from a more limited and perhaps less literate authority, are

illuminating. Engravers' errors and accidents excluded, the non-classical legends demonstrate the way in which those who drafted and engraved them perceived the sound values of the letters they described. A language like Latin that has lost terminal **m** and **s**, and does not distinguish between **e** and **i**, and **o** and **u** cannot have been significantly inflected in speech, whatever may have been retained in formal, especially liturgical, use by both pagans and Christians, and in literature. Twenty-six coins are used to illustrate vowel and consonant substitutions, which suggest that perhaps Romans may have really spoken Italian, however they tried to write it.

(Author)

162 KETTENHOFEN, E. Zur Geschichte der Stadt Der'a in Syrien. *Zeitschrift des Deutschen Palastina Vereins* Vol. 107 (1991) pp. 77-91 illus.

Thorough discussion of a hitherto unpublished city coin of Adra'a (=Der'a) struck by Septimius Severus and Julia Domna and its contribution to our knowledge of the town, its religion, history, etc.

(Arnold Spaer)

163 KING, CATHY E. The role of gold in the later third century A.D. *RIN* 95 (1993) pp. 439-51.

The author discusses a possible decrease in the issue of gold coinage in the second half of the third century A.D.

(Andrea Carignani)

164 KOS, PETER. *The monetary circulation in the southeastern Alpine region ca. 300 B.C.-A.D. 1000*. Ljubljana 1986. 263 pp. illus. Slovene summary.

The author covers the Celtic and Roman Republican and Imperial periods, with a special treatment of currency in the defense area CLAUSTRA ALPIUM IULIARUM and of late Roman fortified settlements. The end of regular monetary circulation in the southeastern Alps is placed in the late 4th to early 5th centuries. Brief notes are also given on Arabic, Byzantine, Ostrogothic, and Lombard finds in the region.

(Charles B. Smith, Jr.)

165 KOS, PETER. Proto-Contorniates? *RIN* 95 (1993) pp. 431-38 illus.

The author confronts the problem of the so-called "proto-contorniates," imperial coins with hammered edges; he argues that they are not predecessors of contorniate medallions and prefers to call them "pseudo-contorniates."

(Andrea Carignani)

166 LANYI, VERA, ed. *Die Fundmünzen der römischen Zeit in Ungarn, Bd. 2, Komitat Győr-Moson-Sopron*. Bonn-Budapest 1993, 428 pp. illus.

167 LLORENS FORCADA, M. DEL MAR. *La ciudad de Carthago Nova: las emisiones romanas*. Serie: La ciudad romana de Carthago Nova, No. 6, Universidad de Murcia 1994. 346 pp.

168 MACALUSO, R. Monete. O. Belvedere et al., *Termini Imeress. Ricerche di topografia e di archeologia urbana*. Palermo, Università, Istituto di Archeologia 1993 pp. 263-65.

The author lists 94 coins, of which two belong to the first century A.D. and the remaining to the fourth and fifth. Among the coins are two hoards (24 and 31 coins, respectively) from an excavation in the Piazza Vittorio Emanuele in 1984. They are internally homogeneous (possibly from a single hoard) and were probably buried around A.D. 440. (Sara Sorda)

169 MACDOWALL, D.W. and A.V.M. HUBRECHT. *The Roman coins: republic and empire up to Nerva*. Description of the Collections in the Provincial Museum G.M. Kam at Nijmegen 12. Nijmegen 1992.

170 MAROT, T. and M. MARTIN-BUENO. La cuestionable eficacia de la reforma de Anastasio I; estudio de los hallazgos monetarios en el Macellum de Gerasa (Jordania). *Actes du XI CIN, 1991* (Louvain-la-Neuve 1993) Vol. 3 pp. 1-8.

171 MARTINI, RODOLFO and NOVELLA VISMARA. *Monetazione provinciale romana II. Collezione Winsemann Falghera*. 5 vols.: 1. Augustus-Vitellius, 2. Vespasianus-Commodus, 3. Septimius Severus-Severus Alexander, 4. Maximinus-Aemilianus, 5. Valerianus-semiautonomie. Glauk, Collana di Studi e di Ricerche di Numismatica 8, Milan 1992. 1281 pp. illus.

This work on Roman provincial coinage of the Imperial period contains a catalog of 3,002 coins from the period of Augustus through Aurelian. (Andra Carignani)

172 MASTELLONI, MARIA AMALIA. Monete e imitazioni in un piccolo ripostiglio tardoantico. *RIN* 95 (1993) pp. 505-28 illus.

The author presents a late antique hoard from Messina composed of 73 coins. Some of these are genuine, some are imitations. (Andrea Carignani)

173 MEAGHER, JOHN C. A Survey of Roman Coins: with respect to weights, sizes, comparative values, etc. *The Picus* 1993 pp. 165-78.

A somewhat informal work provides information on Roman coin weights in grains and grams. Comparative values in terms of precious metal content are

discussed. The author regards the article as an early attempt at this type of work, and humbly presents it in progress with much valuable information. (Thomas Serfass)

174 METCALF, WILLIAM E. Whose *liberalitas*? Propaganda and audience in the early Roman Empire. *RIN* 95 (1993) pp. 337-46.

The author presents observations on the *congiaria* and the free distributions pictured on coins, symbolic of the *liberalitas* of the emperors. (Andrea Carignani)

175 MIHAILESCU-BARLIBA, VIRGIL. Die römisch-dakischen Kriege und die numismatischen Entdeckungen. *Dacia*, N.S. Vol. 36 (1992) pp. 193-97.

The author analyzes the Roman Imperial coin hoards from the second century A.D. discovered in Dacia and Moesia Inferior. The chronological differences between the moments in which the coin hoards were buried cannot explain the events which triggered these coin hoards. In the author's opinion, Republican denarii circulated extensively even in the first century A.D. (Constantin Preda)

176 MITTAG, PETER FRANZ. Kaiser oder Philosoph? Zur Münzprägung Marc Aurels. *SNR* 73 (1994) pp. 61-76 illus.

Reverse types of Marcus Aurelius referring to *religio* and divine protection, mostly dating from the later part of his reign, are discussed. (Editor)

177 NOLLÉ, JOHANNES. Städtisches Prägerecht und römische Kaiser. *RIN* 95 (1993) pp. 487-504.

The author investigates the right of the Roman cities of Asia Minor to strike coins in the early and middle imperial period and considers the legend *aítesamenou tou deinós* which appears on the reverse of some issues of these cities.

(Andrea Carignani)

178 OCHESEANU, RADU and TRAIAN CLIANTE. Pond uncial descoperit la Constanta [A weight discovered at Constanta]. *Pontica* Vol. 24 (1991) pp. 403-5 illus. French summary.

During the archaeological excavations in 1989 at Constanta-Tomis, an ancient weight without images or inscriptions was discovered. The object weighs 54.58 grams and belongs to the Early Roman period (2nd-3rd centuries A.D.).

(Constantin Preda)

179 ÓVÁRI, FERENC. III Gordianus és Philippus antoninianus leletei a számok tükrében [The finds of antoniniani of Gordian III and Philip in the light of numbers]. *AzÉrem* 1993/2 pp. 3-9.

The author uses statistical calculations in order to establish regularities regarding antoniniani deriving from hoards minted after 242 A.D. outside of Rome. (Author)

180 ÓVÁRI, FERENC. Philippus császárok antiochiai és római veretű antoninianusainak stílusjegyeiről, Kr. u. 244-249 [The style marks of antoniniani of Philip minted at Antioch and Rome in 244-249]. *AzÉrem* 1994/1 pp. 1-6 illus.

It is very difficult to distinguish the antoniniani of Philip and his son from Antioch and Rome. The author describes in detail and illustrates the style marks of the two mints. (Melinda Torbágyi)

181 PANVINI ROSATI, FRANCO. Coniazioni anomale romane: pseudo medaglioni e medaglioni a rovescio liscio. *RIN* 95 (1993) pp. 425-29.

182 PEDRONI, LUIGI. *Ricerche sulla prima monetazione di Roma*. Naples, Liguori editore 1993. 203 pp.

The book contains an analysis of the first silver and bronze issues of Rome and the numismatic aspects of the Roman penetration into Magna Graecia. (Andrea Carignani)

183 PERASSI, CLAUDIA. Medaglioni romani dedicati alla celebrazione dei ludi circensi. *RIN* 95 (1993) pp. 385-412 illus.

The author reviews the production of medallions illustrating games in the circus and amphitheater from Hadrian to the mid-third century A.D. and compares these medallions to similar coins. (Andrea Carignani)

184 POENARU BORDEA, GH. and R. OCHESEANU. Câteva depozite monetare din Scythia Minor depuse ca ofrande funerare. Secolele II-V d.Ch. [Some Coin Hoards from Scythia Minor used as funerary offerings, III-Vth centuries A.D.]. *Pontica* Vol. 24 (1991) pp. 347-71 illus. French summary.

At the Archaeological Institute of Bucharest and the Museum at Constanta are five Roman imperial coin hoards from the third to fifth centuries A.D., all of them discovered in tombs in Scythia Minor. Two of them were found at Constanta-Tomis, one at Mangalia-Callatis and the other two at Piatra Frecatei. The offerings of coins in tombs are a specific feature of this period, especially for Christian tombs. (Constantin Preda)

185 PONTIROLI, GIUSEPPE. *Tesoretti numismatici nel territorio cremonese*. Padua, Editoriale Programma 1993. 148 pp. illus.

The author identifies the locations of discoveries of Republican and imperial hoards at Cremona and within its territory. (Andrea Carignani)

186 PREDA, CONSTANTIN and AURELIA GROSU. Cercetările arheologice din asezarea civilă a castrului roman de la Enosești-Acidava, jud. Olt [The Archaeological Excavations from the civil settlement of the Roman Camp from Enosești-Acidava, Olt County]. *ArhivOlteniei* Vol. 8 S.N. (1993) p. 56.

Five bronze coins of Nerva, Trajan, Hadrian and Faustina the Younger were found during the archaeological excavations of the civil settlement at Enosești, Olt County-Oltenien, were found.
(Constantin Preda)

187 PRINS, J. W. Het depot Nederwetten 1989/1990. *Jaarboek voor Munt- en Penningkunde* 78 (1991) pp. 132-42.

188 PRINS, J.W. Depot Nederwetten 1989/1990 'revisited' en Nederwetten II. *Jaarboek voor Munt- en Penningkunde* 80 (1993) pp. 23-35.

A deposit of 250 Roman copper coins from the late second century in the province of Brabant must have been votive offerings. Supplementary material confirms the author's opinion.
(Arent Pol)

189 REIJNEN, R.W. *Romeinse munten*. Museumstukken 4. Nijmegen 1993.

This introduction to Roman numismatics pays special attention to the coins found in and near Nijmegen.
(Arent Pol)

190 RIPOLLÈS, P.P. Hispania: las acuñaciones locales y la financiación de las "rei publicae." *RIN* 95 (1993) pp. 295-306.

The author investigates the relationship between the coins struck in Spanish provincial mints between 44 B.C. and A.D. 41 and the financial need of the cities of the Iberian peninsula.
(Andrea Carignani)

191 SCHALLMAYER, EGON. Ein römischer Münzschatzfund aus Osterburken, Neckar-Odenwald-Kreis. *Archäologische Ausgrabungen in Baden-Württemberg* 1992 (Stuttgart 1993) pp. 125-29 illus.

Between July 1991 and August 1992, excavations were conducted at the annex-fort adjoining the auxiliary fort at Osterburken, near the Upper German *limes*. In a ditch beneath the annex-fort, excavators discovered 327 silver coins which may once have comprised a single hoard. The oldest piece is a worn denarius of Vespasian. Coins of Marcus Aurelius and Commodus are in good condition. Later coins, mostly Severan, show little wear; the latest pieces, struck by Severus Alexander, are nearly fleur-de-coin.
(Lawrence Okamura)

192 SKAARE, KOLBJØRN. Roman gold medallions and their imitations in Scandinavia. *RIN* 95 (1993) pp. 473-86 illus.

The author outlines the location of finds of Roman solidi of the fourth century A.D. and of their imitations in Scandinavia. (Andrea Carignani)

193 TEODOR, SILVIA and V. MIHAILESCU-BARLIBA. Descoperiri monetare din aş ezarea geto-dacica de la Poinana, jud. Galati [Monetary Discoveries from the Geto-Dacian Settlement from Poinana, Galati County]. *ArhMoldovei* Vol. 16 (1993) pp. 121-30 illus. German summary.

During the archaeological excavation at the Geto-Dacian settlement of Poiana, Galati County-Moldavia, in 1985-90, were discovered the following coins: Geto-Dacian coins of Husi-Vovriesti, Vârteju-Bucuresti and Inotesti-Racoasa type, a coin hoard of 32 Hellenistic bronze coins from Callatis, 9 Roman Republican denarii, a coin hoard of 7 Roman Republican and Imperial denarii (Augustus and Vespasian), 1 bronze of Rhoemetalkes I, 3 Roman Imperial denarii from Augustus, Tiberius and Antoninus Pius. In addition, 1 bronze Tomis, 3 worn-out coins, probably Geto-Dacian, 1 AR Vespasian and a monetary punch, were found in earlier excavations.

(Constantin Preda)

194 TORBÁGYI, MELINDA. A Szobathely-herényi római aranyéremlelet [The Roman coin finds from Szombathely-Herény]. *NK* Vol. 92-93 (1993-94) pp. 27-33. German summary.

The hoard contains 38 Roman aurei of the Julio-Claudian dynasty before Nero's reform. (Author)

195 VALLEJO GINES, M. Los temores del Complutum romano; una explicación a tres tesorillos numismáticos. *GacNum* 113 (1994) pp. 27-31.

196 VILLARONGA, L. Plomos monetiformes de la Citerior de época romano-republicana. *RIN* 95 (1993) pp. 307-20.

The article contains observations on the various categories of lead coin-like objects found in *Hispania citerior*. Some types might have been used as weights, while others may have substituted for coins. (Andrea Carignani)

197 VIN, J.P.A. VAN DER. *Die Fundmünzen der römischen Zeit in den Niederlanden, I: Provinz Friesland*. Berlin 1992.

198 VIN, J.P.A. VAN DER. Schatvondst Huigslot—Haarlemmermeer—1920—en 1992. *Beeldenaar* 17 (1993) pp. 392-96.

Supplementary material to the large hoard (ca. 10,000 coins) of very small late Roman bronze coins is presented. *(Arent Pol)*

199 VIN, J.P.A. VAN DER. Two new Roman hoards: Zoutkamp and Reid. *Bulletin Antieke Beschaving* 68 (1993) pp. 247-54.

200 VIN, J.P.A. VAN DER. Vondsten op het Kops Plateau te Nijmegen. *Beeldenaar* 15 (1991) pp. 317-22.

This is a preliminary report on the single finds of (mainly early Roman) coins from the large-scale excavations near Nijmegen. *(Arent Pol)*

201 WEDER, MARCUS R. Mint Forgeries of Siscia and some 'Dates' of Gallienus. *SNR* 73 (1994) pp. 77-96 illus.

By unmasking an antoninianus of Siscia with an impossible TR P/COS combination as a contemporary forgery, the author proposes a new solution to some riddles in Gallienus' sole reign coinage. *(Editor)*

For additional references to Roman numismatics, see the following abstracts:

General, Nos. 23, 28

Greek, Nos. 66, 72, 78, 97, 108, 114

Byzantine, No. 215

Western and Central Europe, No. 347.

BYZANTINE

202 ARSLAN, ERMANNIO A. La moneta dei Goti in Italia. *I Goti*. Catalogo della Mostra. Milan, Electa 1994 pp. 252-65 illus.

Deprived of their own monetary culture, the Goths adopted the Byzantine system. The author describes the relationship of the Gothic coinage to the Byzantine models. *(Andrea Carignani)*

203 BONA, ISTVAN. "Barbarische" Nachahmungen von byzantinischen Goldmünzen im Awarenreich. *RIN* 95 (1993) pp. 529-38 illus.

The phenomenon of barbaric imitations of coins of the classical tradition is examined in the light of some forgeries of Byzantine gold coins between the sixth and eighth centuries. *(Andrea Carignani)*

204 BRAND, E. Ramat Gan. *Hadashot Arch* 100 (1993) pp. 40-43. In Hebrew.

Excavations yielded a follis of Justin II struck at Antioch and dated 574/5 A.D.
(Arnold Spaer)

205 CAMPAGNOLO, MATTEO. Un poids romano-byzantin. *Bulletin, Association des Amis du Cabinet des Médailles* (Lausanne), Vol. 6/1993 pp. 15-19 illus.

206 CAMPAGNOLO, MATTEO. Anneau sigillaire. *Bulletin, Association des Amis du Cabinet des Médailles* (Lausanne), Vol. 6/1993 pp. 20-26 illus.

207 CHIRIAC, COSTEL. Despre tezaurele monetare bizantine din sec. VII-X de la est si sud de Carpati [About the monetary coin hoards from the VII-Xth centuries discovered at the South and East Carpathian region]. *Pontica* Vol. 24 (1991) pp. 373-78. English summary.

The author presents the coin hoards from 7th-10th centuries discovered in the extra-Carpathian regions of Romania and comments on the historical circumstances in which these coin hoards were created. One explanation for their burial is Bulgarian, Hungarian and Peceneg attacks.
(Constantin Preda)

208 CHIRIAC, COSTEL. Expeditia avara din anii 578-579 si evidenta numismatica [The Avarian Expedition from 578-579 and the numismatic evidence]. *ArhMoldovei* Vol. 16 (1993) pp. 191-203. French summary

The author tries to establish the route followed by the Avarian expedition in 578 and 579 on the basis of the Byzantine monetary discoveries between Sirmium and Dinogetia.
(Constantin Preda)

209 CRUSAFONT I SABATER, MIQUEL. Monete suebe e visigote. *I Goti*. Catalogo della Mostra. Milan, Electa 1994 pp. 348-55 illus.

The author examines Suevian and Visigoth coinage on the Iberian peninsula. Four centuries after the last Julio-Claudian issues, this Germanic people resumed striking coins in the region.
(Andrea Carignani)

210 CUSTUREA, GABRIEL. Schimburile economice în regiunea danubiano-pontica în sec. VIII-XI [The economic exchanges in the Danubian and Pontic regions between the 8th-11th centuries A.D.]. *Pontica* Vol. 24 (1991) pp. 379-93. French summary.

Based on coins and other archaeological finds from the eighth through eleventh centuries, the author discusses the economic situation of the region. His conclusions suggest that Dobroudja developed itself in this period as an autonomous region quite different from the situation of the Bulgarian kingdom in the same period.

(Constantin Preda)

211 DAMIAN, OANA. O necropola medievala timpurie descoperita la Nufar, jud. Tulcea [An Early Middle Age Cemetery discovered at Nufaru, Tulcea County]. *SCIIVA* Vol. 44/1 (1993) p. 105 illus. French summary.

In the cemetery of the late Byzantine fortress form Nufaru, Tulcea County-Dobroudja, were found two Byzantine bronze coins from the first of the 13th century A.D.

(Constantin Preda)

212 GOREN-ROSEN, Y. and E. STERN. Horvat Qav. *Hadashot Arch* 100 (1993) pp. 15-16 illus. In Hebrew.

During excavations at this central Galilee site a clay lamp containing 50 Byzantine solidi was found. They were struck during the period A.D. 603-665.

(Arnold Spaer)

213 IVANIŠEVIĆ, V. and J. KONDIJANOV. Le trésor de Sekulica. *RN* 6th ser. 34 (1992) pp. 77-99 illus.

This article discusses 119 solidi and 40 tremisses discovered in 1966 in a late-antique fortress situated at the frontier of territory of the Dardani and Macedon. The hoard contained coins struck during the period from Zenon to Justinian I, and was buried in 540 as a consequence of the incursion of the Koutrigoures into Illyricum.

(Authors)

214 KENT, JOHN. 'Concordia' solidi of Theodosius I: a reappraisal. *NC* 153 (1993) pp. 77-90.

215 KING, C.E., D.M. METCALF, and J.P. NORTHOVER. Copper-based alloys of the fifth century. *RN* 6th ser. 34 (1992) pp. 54-76 illus.

This paper is a preliminary investigation of the alloy content of late Roman, Vandalic, and Ostrogothic bronze coins (analyzed by electron microprobe) minted in the fifth and sixth centuries A.D. The results show that tin contents were significantly higher in the West in coins of Rome and Carthage while eastern and Ostrogothic nummi (and post-reform pentanummia) were composed of a poor quality copper alloy with high lead contents. Larger denominations minted after the Anastasian reform and by the Vandals, on the other hand, are almost pure copper.

(Authors)

216 MANUCU-ADAMESTEANU, GH. O moneda bizantina de la Trebizonda descoperita in Dobrogea [A Byzantine coin from Trebizonda discovered in Dobroudja]. *Pontica* Vol. 24 (1991) pp. 399-401 illus. French summary.

In the village of Nufaru, Tulcea County-Dobroudja, was found a Byzantine coin issued at Trebizonda in the time of Alexios Comnen, probably in the years 1081-1089. The coin is overstruck and it belongs to the Tulcea Museum. (Constantin Preda)

217 OLBRICH, KONSTANTIN. Die Eroberung Galliens durch Theodosius den Grossen: Das Zeugnis der Mainzer Prägungen des Jahres 388 n. Chr. *SNR* 73 (1994) pp. 97-110 illus.

A group of very rare siliquae of Theodosius I with mint-mark MVG (later MOG) are attributed to the mint of Mainz (Mogontiacum). (Editor)

218 PAPASIMA, TEODOR. Monede bizantine din câteva colectii particulare [Byzantine Coins from few private collections]. *Pontica* Vol. 24 (1991) pp. 395-97 illus. French summary.

In a few private collections from Medgidia-Dobroudja are the following Byzantine coins: 1 bronze of Anastasius, 1 bronze of Justinian; 1 silver of I. Tsimisces, and 7 anonymous bronzes from 989-1081. All these coins were probably found in Dobroudja, some of them in the region around Medgidia. (Constantin Preda)

219 SION, O. Kh. Abu Suwwana. *Hadashot Arch* 100 (1993) pp. 56-58. In Hebrew.

Excavations at this site east of Jerusalem yielded 1 Abbasid, 5 Umayyad, and 9 Byzantine coins. (Arnold Spaer)

220 THIERRY, N. Saint-Jean-Baptiste sur un nomisma d'Alexandre. *RN* 6th ser. 34 (1992) pp. 237-41 illus.

On the nomisma of Alexander (912-913) one recognizes St. John the Baptist crowning and blessing the emperor. The typology of the saint assures this identification. The scene itself is connected to the iconography of the divine legitimacy of power. An innovation in the official presentation of the emperor, it illuminates the personality of Alexander. (Author)

221 VIN, J.P.A. VAN DER. Victoria Aaaugggg, een solidus uit St. Odilienberg. *Beeldenaar* 16 (1992) pp. 75-78.

A newly found rare solidus of Constantine III is presented. (Arent Pol)

For additional references to Byzantine numismatics, see the following abstracts:

General, No. 23

Roman, No. 164

Western and Central Europe, No. 432.

NEAR AND MIDDLE EAST -- MEDIEVAL AND MODERN

222 ASINGH, PAULINE and ANNE KROMANN. En vikingetidssølvskat fra Brokhøj, Gjerrild Klint [A Viking Silver Hoard from Brokhøj, Gjerrild Klint]. *KUML* 1990 (ed. 1993) pp. 151-71. English summaries.

During the archaeological excavation of a megalithic long mound in 1986 by the Museum of Djursland, a hoard of 66 silver coins and 15 fragments of rings and ingots was found. The catalogue of the scrap silver was made by Flemming Kaul, while a catalogue of the coins (with few exceptions fragments) was made with the assistance of Gert Rispling, Stockholm (3 Abbasid dirhems, 55 Samanids, 1 Buwayhide, 3 imitations [one of which was Volgabulgarian], and 9 uncertain fragments). Three fragments of European coins were found, one of which was from Hedeby. The *terminus post quem* is 953/4. A comparison between this hoard and other Danish hoards indicates that it is rather atypical and may have been deposited at a somewhat later time than the *t.p.q.* indicates. Its composition seems to be more related to Polish hoards than to Swedish hoards.
(Jørgen Steen Jensen)

223 BATES, MICHAEL L. How Egyptian glass coin weights were used. *RIN* 95 (1993) pp. 539-45.

The presence of glass coin weights in Fatimid Egypt (10th-12th centuries) is interpreted not as a legal monetary phenomenon but as part of a sophisticated and original system for monetary transactions. Rather than substituting for coins, the glass objects would have been used on a regular basis to verify the value of coins paid.

(Andrea Carignani)

224 CLUA I MERCADAL, M. Diners de la Torre del Baró, Viladecans (Barcelona). *Actes du XI CIN, 1991* (Louvain-la-Neuve) Vol. 3 pp. 123-32.

225 FONTENLA BALLESTA, S. El cobre Nazarí. *Numisma* 232 (1993) pp. 163-76.

226 GIGNOUX, P. Note sur les sceaux et bulles sassanides. *RN* 6th ser. 34 (1992) pp. 242-45 illus.

In reviewing an important book which appeared recently on the administrative geography of the late Sasanid period, the author interpolates the readings of two new seals, known only since the publication of this work. (Author)

227 KOERS, J.P., J.N. LANTING, and J. MOLEMA. De muntfibula van een almohadische dubla uit Scheemda: vondstomstandigheden, parallelen en historische context. *Paleohistoria. Acta et Communicationes Instituto Cio-Archaeologici Universitatis Groninganae* 32 (1990) pp. 331-38.

A few Almohad gold coins found in the Northern Dutch provinces of Friesland and Groningen are discussed. As this type of coin normally does not occur in the Dutch circulation of the period, it is assumed that these pieces had a non-monetary function; in fact, all are mounted or show traces of a removed mounting. Among these finds there are also some (local?) imitations made from brass. (Arent Pol)

228 MACKENZIE, KENNETH. Five and Ten Para Currency in the Reign of Sultan Abdul Hamid II 1876-1909 A.D. *NI* 28 No. 5 (May 1993) pp. 113-16 illus.

229 MAOZ, L. Paneas—Temple of Pan. *Hadashot Arch* 100 (1993) pp. 2-6. In Hebrew.

Next to the body in a tomb excavated at this site a hoard of more than 30 Mamluk coins were found. The latest is dated to A.D. 1511-13. (Arnold Spaer)

230 TALVIO, TUUKKA. Ett dirhemfynd från Sund, Åland? [A dirham hoard from Sund, Åland?]. *Finskt Museum* 1992 (1994) pp. 21-25 illus. English summary.

In 1910 the National Museum of Finland acquired eight Abbasid dirhams which were said to have been found in the parish of Sund on Åland but which may in fact come from the nearby Saltvik. The coins date from the years AH 152-261 (A.D. 769-875). (Author)

For additional references to the numismatics of the Near and Middle East, see the following abstracts:

Greek, No. 78

Roman, No. 164

Byzantine, No. 219

Far East, Nos. 243, 244

Western and Central Europe, No. 324.

FAR EAST

231 AKASAKA, ICHIRO. *Nihon no E-sen* [Japanese Picture Coins]. Tokyo, Shoshinkan Ltd. 1994. 150 pp. illus. In Japanese.

About 1350 *e-sen* (small charms, amulets, and medallions from the pre-Meiji period) are presented in 1:1 photographs on enamel stock. Each is given its common Japanese name (unromanized); no valuations are provided. (Joseph E. Boling)

232 BERTSCH, WOLFGANG. New Current Coins in China. *NI* 29 No. 8 (Aug. 1994) pp. 176-79.

Coins issued in 1992 are discussed and illustrated. (Joseph Uphoff)

233 BOLING, JOSEPH E. The Japanese National Banks. *IBNS* 32 No. 3 (Sept. 1993) pp. 20-21.

The tables from the Japanese Numismatic Dealers' Association catalog showing the 153 national banks' original capital and locations and their current successor banks are translated with minor comments. This is the first time that the cities associated with the Japanese national banks have appeared in English. (Author)

234 CHAO, HSIN-LAI and CH'EN CHÜAN. A Spade Coin Hoard. *JEAN* 1 No. 2 (Oct. 1994) pp. 49-54 illus. In Chinese.

235 CH'EN, SHU-MING (Winston Hsieh, transl.). The Horse and Flower Gambling Tokens of Szechuan. *JEAN* 1 No. 2 (Oct. 1994) pp. 29-35 illus.

Twelve categories of tokens, usually with a horse on the obverse and a flower or other floral ornamentation on the reverse, are described with information about their sources. (Joseph E. Boling)

236 CHOU, CHIEN-FU. My Views on Taiwan Coins. *JEAN* 1 No. 1 (Aug. 1994) pp. 53-54 illus. In Chinese.

237 GERNER, FRANCIS. The Wakō in Japanese Coinage History. *NI* 29 No. 1 (Jan. 1994) pp. 7-18 illus.

The effect of Japanese pirates on trade and currency patterns between Japan and China is discussed. (Joseph Uphoff)

238 HENG, MEN. Notes on T'ang Dynasty Coins. *JEAN* 1 No. 1 (Aug. 1994) pp. 51-52 illus. In Chinese.

239 HSÜ, YI-TSUNG. Ways to Collect Paper Money. *JEAN* 1 No. 1 (Aug. 1994) pp. 57-61 illus. In Chinese.

240 KEENER, THOMAS. Obvious Chinese Fakes. *NI* 27 No. 11 (Nov. 1992) pp. 225-38 illus.

241 KOGA, YOSHIMASA. Notes on Korean Mints and Coinage. *JEAN* 1 No. 1 (Aug. 1994) pp. 31-36 illus.

Korean coinage 1885-1910 is presented, covering the period from the introduction of modern mint equipment to Korea through the annexation by Japan. Originally published in Ramsden's *Numismatic and Philatelic Journal of Japan* Vol. 4 No. 4-6 (Oct.-Dec. 1914).
(Joseph E. Boling)

242 LIN, KUO-MING. Ughuristan Republic. *JEAN* 1 No. 1 (Aug. 1994) p. 56 illus. In Chinese.

243 RHODES, N.G. Moslem Rebel Coins of Sinkiang. Part 1. *JEAN* 1 No. 1 (Aug. 1994) pp. 16-20 illus.

244 RHODES, N.G. Moslem Rebel Coins of Sinkiang. Part 2. *JEAN* 1 No. 2 (Oct. 1994) pp. 17-21.

A short history of the anti-Chinese movements in Sinkiang is presented, followed by coins of four rebels from 1830-77, including the extensive emission of Yakub Beg.
(Joseph E. Boling)

245 SHENG, YÜN, KENG CHANG, and WEI-CHÜN AN. Coinage in Kansu. *JEAN* 1 No. 2 (Oct. 1994) pp. 44-48 illus. In Chinese.

246 SMITH, BRUCE W. China's World War II Guerilla Currency. Part 1. *JEAN* 1 No. 1 (Aug. 1994) pp. 44-50 illus.

The article starts with a short political, economic, and banking history of the region, followed by descriptions of its monetary emissions. Part 1 covers the Shen-Kan-Ning (Shensi-Kansu-Ninghsia) Border Area, including three issuers in this region and some notes not previously published.
(Joseph E. Boling)

247 SMITH, BRUCE W. China's World War II Guerilla Currency. Part 2. *JEAN* 1 No. 2 (Oct. 1994) pp. 22-24 illus.

Part 2 covers the Chin-Ch'a-Chi (Shansi-Chahar-Hopei) Border Area.

(Joseph E. Boling)

- 248** SMITH, BRUCE W. Notes on Chinese Fantasy Coins. *JEAN* 1 No. 1 (Aug. 1994) pp. 37-38 illus.

The Governor Chang medal is presented. Usually called a fantasy coin, it is attributed as an award medal of Chang Hsi-luan, probably issued during the six months that he was military governor of Chihli Province. (Joseph E. Boling)

- 249** SMITH, BRUCE W. Notes on Chinese Silver and Gold Coins. *JEAN* 1 No. 1 (Aug. 1994) pp. 28-30 illus.

Topics discussed include Hunan dragon dollar, half dollar, and five cent pieces from Heaton dies; Yunnan dragon coins (several varieties of Kann 166-177); and the Tengtien (*sic.*) dragon dollar in silver, aluminum, and copper. (Joseph E. Boling)

- 250** SMITH, BRUCE W. Numismatic Literature on the Far East. Part 1. *JEAN* 1 No. 1 (Aug. 1994) pp. 12-15.

In part 1 the growth of numismatic literature in Asian nations, especially in China, is noted, and an annotated list of current journals from China, Taiwan, and Hong Kong is provided. Reviews of two new books close the survey.

(Joseph E. Boling)

- 251** SMITH, BRUCE W. Numismatic Literature on the Far East. Part 2. *JEAN* 1 No. 2 (Oct. 1994) pp. 14-16 illus.

Part 2 continues with reviews of four additional books and notices of seven books and two articles.

(Joseph E. Boling)

- 252** SMITH, BRUCE W. The Sung Dynasty Shan Chou Mint and its Coins. *JEAN* 1 No. 1 (Aug. 1994) pp. 21-25 illus.

Northern Sung coins marked with the *shan* mintmark are surveyed. The mint itself is shown to have been in what is now western Honan province, rather than in Shensi, where it was previously attributed. During the years that the mint may have been in operation, ten reign titles were used, but only three are known with the *shan* mintmark, with most pieces seen being from the Hsuan Ho (1119-25) period.

(Joseph E. Boling)

- 253** SMITH, BRUCE W. The Truth About Annameese Gold and Silver Coins. *JEAN* 1 No. 1 (Aug. 1994) pp. 39-43 illus.

A series of extracts from 19th century traders' accounts, dealing with coinage standards and circulating currencies in Annam, with the author's analysis of the proper attributions of the gold and silver pieces. He concludes that, although the larger pieces may have been used as (and even restruck as) decorations after the French colonized the area, that they were originally prepared and used as circulating coinage (albeit little used because of their relatively high values). (Joseph E. Boling)

254 SMITH, BRUCE W. *Wealth of the South: The Rise and Fall of the Canton Mint, 1887-1949.* *JEAN* 1 No. 2 (Oct. 1994) pp. 36-43 illus.

The history of the mint, from its foundation with British equipment and supervision, to its several closures and resurrections in the '30s and '40s is detailed.

(Joseph E. Boling)

255 Sung Dynasty Coin Mints: Yuan Feng era, 1078-85 AD. *JEAN* 1 No. 2 (Oct. 1994) pp. 25-26.

This is the first English publication of a contemporary listing of Sung dynasty mints that has appeared in several Chinese works.

(Joseph E. Boling)

256 THIERRY, FRANÇOIS. *Monnaie et monnaies dans la tradition de la Chine antique.* *RIN* 95 (1993) pp. 59-74 illus.

Based on textual evidence, the author outlines the beginnings of coinage in the cultural and commercial life of China from the 14th through third centuries B.C.

(Andrea Carignani)

257 TSENG, TSE-LU. *The Old Man Dollars.* *JEAN* 1 No. 1 (Aug. 1994) p. 55 illus. In Chinese.

258 TSENG, YUNG (Bruce W. Smith, transl.). *The Location of the Anyang Spade Coin Mint.* *JEAN* 1 No. 1 (Aug. 1994) pp. 26-27 illus.

The discovery of Anyang square foot spade coin molds near Pao-t'ou in Inner Mongolia leads the author through a literature search for the several Anyang place names; he concludes that the discovery location once bore that name and is the probable source of the coins.

(Joseph E. Boling)

For additional references to the numismatics of the Far East, see the following abstracts:

Paper Money, Nos. 611, 613.

INDIA

259 GOTTLIEB, VIRTHE, TOVE JAKOBSEN and JØRGEN STEEN JENSEN. *Triste blymønter fra Trankebar* [Suffering lead coins from Trankebar]. *Nationalmuseets Arbejdsmark* 1993 pp. 112-23 illus. English summary.

During most of the 17th century it was chiefly lead coins of the smallest unit, the kas, which were struck in the Danish colony of Tranquebar on the Coromandel coast of India. The lead was probably taken to India as ballast in the ships from Europe. Lead presents particular conservation problems, but it was only recently, when the state of conservation of the coins was verging on catastrophe, that a new technique was developed, using electrolytic reduction followed by hydrogen plasma cleaning. The article goes into some of the details about this new process of conservation.

(Authors)

260 HANDRA, DEVENDRA. Coins attributed to the Audumbara king Mahā deva. *NC* 153 (1993) pp. 206-11.

261 HANDRA, DEVENDRA. Almora Coins. *NI* 27 No. 10 (Oct. 1992) pp. 202-206 illus.

The author examines names and legends of rulers in this second century B.C. kingdom in norther Uttar Pradesh.

(Joseph Uphoff)

262 HANDRA, DEVENDRA. The Brahmanya Type Silver Coin and its Attribution. *NI* 28 No. 2 (Feb. 1993) pp. 38-46 illus.

A review of the literature regarding this coin and the author's theories are presented as well as a discussion of the coin in its historical context.

(Joseph Uphoff)

263 HANDRA, DEVENDRA. Coins of Rudradasa or Mahadeva? *NI* 28 No. 4 (April 1993) pp. 96-97.

Two coins which Allan (*BMCAI*) attributes to Rudradasa of the Odubarisa of India but Mitchiner assigns to Mahadeva are discussed. The author supports Allan in both attributions.

(Joseph Uphoff)

264 HANDRA, DEVENDRA. New Varieties of the Silver Coins of Mahadeva. *NI* 28 No. 6 (June 1993) pp. 143-46 illus.

265 HANDRA, DEVENDRA. The Impact of Kharoshthi on the Tribal coins of North India. *NI* 28 No. 7 (July 1993) pp. 169-70.

The author provides a linguistic discussion of Brahmi and Kharoshthi letters found on early Northern Indian coins.

(Joseph Uphoff)

266 HANDRA, DEVENDRA. Reading and Interpretation of the Legends of the Yaudheya Coins of Class 3. *NI* 28 No. 11 (Nov. 1993) pp. 249-54 illus.

A review of the literature on these coins and the author's conclusions is presented.

(Joseph Uphoff)

- 267** HANDRA, DEVENDRA. Amoghabhuti—Name or Title? *NI* 29 No. 3 (March 1994) pp. 62-63 illus.

The author suggests that the word "Amoghabhuti" which appears on several Kuninda coins is the name of the ruler who minted them. *(Joseph Uphoff)*

- 268** HANDRA, DEVENDRA. The Gurumukhi Legend on Peshawar Paisas. *NI* 29 No. 5 (May 1994) pp. 115-16 illus.

- 269** HANDRA, DEVENDRA. Sun-Face on Indian Coins. *NI* 29 No. 7 (July 1994) pp. 158-62 illus.

The use of this motif is discussed and illustrated *(Joseph Uphoff)*

- 270** HANDRA, DEVENDRA. Another Interesting Silver Portrait Coin of Yajña Sā takarni. *NI* 29 No. 9 (Sept. 1994) pp. 196-98 illus.

A coin of this Satavahana ruler is discussed and illustrated. *(Joseph Uphoff)*

SOUTHEAST ASIA

- 271** MITCHINER, M.B. and A.M. POLLARD. *Early South East Asian Currency System*. *AION* 50, 1990 fasc. 4, suppl. 65. Naples 1990. 100 pp. illus.

This work examines coin circulation in the diverse regions of South East Asia from the beginning of the Christian era to the 16th century. *(Andrea Carignani)*

- 272** YIH, T.D. and J. DE KREEK. The Gongsì cash pieces of Western Borneo and Banka in the Ethnographical Museum at Rotterdam. *NC* 153 (1993) pp. 171-95 illus.

For additional references to the numismatics of Southeast Asia, see the following abstracts:

Western and Central Europe, No. 314
Paper Money, No. 607.

EUROPE -- MEDIEVAL AND MODERN

GREAT BRITAIN AND IRELAND

273 ALLEN, MARTIN and ALAN DAWSON. The Short Cross moneyers of Shrewsbury. *BNJ* 62 (1992) p. 193 illus.

In 1964 John Brand used a die study of the Short Cross coins of Shrewsbury (first issued in 1194) to support the assumption that they were produced by three moneyers working successively. The authors propose that Shrewsbury had two moneyers throughout its production of the Short Cross coinage: Willem with an unknown colleague in class IVa, and IVe with Reinald/Reinaud in classes IVa and IVb. Coins from all the known die combinations, including a die-combination adding IVe to the list of moneyers recorded in class IVa, are illustrated. (Authors)

274 ATWOOD, PHILIP. The Bentley (Suffolk) hoard of 19th and 20th century gold coins. *BNJ* 62 (1992) pp. 199-200.

The contents of a hoard of 37 sovereigns and 11 half-sovereigns of Victoria-George V (latest 1912) are fully described. The coins were in a cloth bag, which also contained a piece of paper inscribed '4th August 1914,' the date of Britain's entry into World War I. (Author)

275 BARCLAY, CRAIG. The Fountains Abbey hoard of Civil War silver. *Yorkshire Archaeological Journal* 66 (1994) pp. 235-37 illus.

Thirty coins in Harrogate Museum and Art Gallery have been identified as originating from a hoard found in 1850 at Fountains Abbey. These take the total identified to 54 of the original 354 coins, the latest now being of 1643-44. The coins are listed, and three are illustrated. (E.M. Besly)

276 BARCLAY, CRAIG and EDWARD BESLY. *A Little Barrel of Ducatoons: the Civil War Coinage of Yorkshire*. York 1994. 58 pp. illus.

The English Civil War has left a rich numismatic legacy in Yorkshire, including the coins of King Charles I's York mint and those of the besieged garrisons of Pontefract and Scarborough. This short illustrated work reviews current knowledge of the coinage of the period and places it in a regional context, on the basis of hoards (of which 28 are summarized in an Appendix), casual finds by archaeologists and metal detectorists, and the evidence of contemporary writers. (Authors)

277 BATESON, J.D. Three hoards of the sixteenth and seventeenth centuries from the West of Scotland. *NC* 153 (1993) pp. 153-69.

278 BATESON, J.D. A Hiberno-Norse hoard from Dull, Perthshire. *NC* 153 (1993) pp. 211-14 illus.

279 BESLY, EDWARD. The English Civil War mints at Truro and Exeter, 1642-1646. *BNJ* 62 (1992) pp. 102-53 illus.

Documentary and numismatic evidence relating to the royalist mints operated by Sir Richard Vyvyan at Truro (1642-43) and Exeter (1643-46) are examined afresh. Vyvyan's minting commissions and the Exeter mint receipt books of 1643 are transcribed and discussed, giving new understanding of that mint's working and output. The study of the entire series casts fresh light on the sequence and attributions of issues; every die variety is illustrated. Despite their apparent date, the '1642' half crowns are seen to belong to Exeter. Biographical details of all those associated in any way with the Exeter mint are published. (Author)

280 BLACKBURN, M.A.S. A lead striking of an East Anglian variant of Stephen's type 1. *NC* 153 (1993) pp. 215-17 illus.

281 BLACKBURN, M.A.S. Coinage and Currency. E. King, ed., *The Anarchy of King Stephen's Reign* (Oxford 1994) pp. 145-205.

This offers a detailed survey and reappraisal of the coinage of Stephen's reign in the light of recent work on political and administrative history. Early in the reign, Stephen restored minting rights to many towns that had lost them in Henry I's reform of 1125. The early loss of royal authority in certain regions is traced in type 1 through falling weight standards and local die-production. The southeastern distribution of Stephen's two substantive types (2 and 6) is contrasted with the 'independent' issues produced elsewhere in Stephen's name or in the name of barons. A revised chronology is presented for the substantive types and the 'independent' issues, in particular the York series which is attributed to the later 1140s and early 1150s. An appendix lists thirty-seven British and Continental hoards with coins of Stephen's reign. (Author)

282 BLACKBURN, M.A.S. and A. ROGERSON. Two Viking-Age silver ingots from Ditchingham and Hindringham, Norfolk: The first East Anglian ingot finds. *Medieval Archaeology* 37 (1993) pp. 222-24.

Two ingots, together with finds of Carolingian and Islamic coins, provide some evidence for a limited use of bullion as money in East Anglia during the late 9th or early 10th century. (M.A.S. Blackburn)

283 BRACE, BRUCE R. Sterlings, Crockards and Pollards. *The Anvil* Vol. 4 No. 4 (July 1, 1994) pp. 37-38 illus.

The etymology of "sterling" and the slang terms crockard and pollard with their numismatic applications are explained. The use of the silver English penny in Europe and its widespread imitation on the continent in the late 12th and 13th centuries are also detailed.
(Thomas Serfass)

284 BROWN, I. DAVID. The First Machinery in the English Mint. *The Picus* 1993 pp. 155-62.

The article is more about the man who made and ran the first machinery, Eloy Mestrell, the Frenchman, than about the machinery itself. Starting in 1560, Mestrell appears to have used milling machinery in the production of a small quantity of gold and silver coin for Elizabeth I. Ironically, this machinery was used to make high value gold coinage rather than the high volume copper coinage for which it would have been better suited. This is a story of machinery invented before its time and the man who suffered for his lack of vision.
(Thomas Serfass)

285 CHALLIS, C.E. Presidential Address. *BNJ* 62 (1992) pp. 235-46.

John Reynolds was one of the best and longest serving assayers the Royal Mint has ever had. Appointed initially with his brother Jeremy in 1607 as assistant to the assay master, he retained his post until his death in 1666. In his fifth and final address as President of the British Numismatic Society, Dr. Challis, relying heavily on hitherto unused sources at Goldsmiths' Hall and the Public Record Office, looks at three aspects of Reynolds' claim to fame: his compilation of tables to allow assayers to calculate how metals of different finenesses might be combined to produce ingots conformable with the required standards laid down by government; his career as common assayer at the Goldsmiths' Hall, London; and his role in the issuing of coin weights in the reign of Charles I.
(Author)

286 GARRETT, A.D. The Howard Linecar lecture 1992. The Royal Mint: a pursuit of technical and artistic excellence. *BNJ* 62 (1992) pp. 185-92.

287 GUNSTONE, A.J.H. *Sylloge of Coins of the British Isles 42: South-Eastern Museums, Ancient British, Anglo-Saxon and Later Coins to 1279*. London 1992. xiv + 210 pp. illus.

288 JONSSON, KENNETH. The Coinage of Cnut. A.R. Rumble, ed., *The Reign of Cnut, King of England, Denmark and Norway* (Leicester 1994) pp. 193-230.

This review article surveys the publications on Cnut's coinage in England and Scandinavia, and provides new data drawn from English and Scandinavian hoards. For the English coinage, particular attention is paid to the volume of mint output, metrology, and coin circulation. There is a shorter account of the Danish coinage, and Jonsson concludes that Cnut issued no coins in Norway or Sweden.

(M.A.S. Blackburn)

289 LESSEN, MARVIN. Harris, Alchorne and an essay. *BNJ* 62 (1992) pp. 196-97.

A copy of Joseph Harris' *An Essay upon money and coins*, published anonymously in two parts in 1757 and 1758, has been found with an additional Part III, written in manuscript by Stanesby Alchorne in 1764, entitled 'An essay upon money and coins Part III Humbly Proposing some regulations for remedying the present bad state of our coin, and for obviating all cause of complaint about our money for the future.' Alchorne was a deputy to Harris, the assay master of the Royal Mint, and this part was based upon notes he took while he was associated with him. (Author)

290 LESSEN, MARVIN, MARY F. STRIEGAL, and PETER P. GASPAR. Counterfeit 'scowling bust' groats of Henry V. *NC* 153 (1993) pp. 218-25 illus.

291 MANVILLE, H.E. *Numismatic Guide to British and Irish Periodicals, 1731-1991*. Encyclopædia of British Numismatics Vol. II part 1 [Archaeological]. London 1993. 449 pp.

A guide to numismatic references in news magazines, notably *The Gentleman's Magazine* (1731-1845) and *The Scots Magazine* (1739-1826), and national and regional archaeological journals. (E.M. Besly)

292 MANVILLE, H.E. An unpublished Scottish tradesman's countermark. *BNJ* 62 (1992) pp. 197-99 illus.

The relationship of a previously-unrecorded Scottish tradesman's countermark of J. Wilson & Sons, in the Glasgow suburb of Hurlet, to the two varieties for J. & J.W., Hurlet, is explored and tentative dates of issue suggested. (Author)

293 METCALF, D.M. The Rome (Forum) hoard of 1883. *BNJ* 62 (1992) pp. 63-96.

The original English text of the introduction to a monograph, published in Italian in *Bollettino di Numismatica*, about a hoard of some 840 coins, mainly Anglo-Saxon, concealed ca. 945. It reflects a sum of money sent to the Papacy as a grateful payment by the English nation, the so-called Romescot. Unlike English hoards of the same period, the Forum hoard includes a balanced representation from almost all the

monetary regions within England. A careful die study permits the writer to estimate the volume of mint-output and to assess wastage from the currency. Portrait coins are a feature of the Forum hoard, in which they are over-represented, probably by deliberate selection. A stylistic analysis of them proves that the dies were supplied from various die-cutting centers. Professor James Graham-Campbell contributes an appendix on the hooked tags which accompanied the hoard, and which record the gift to Pope Marinus II (942-46). (Author)

294 METCALF, D.M. *Thrymsas and Sceattas in the Ashmolean Museum, Oxford*. Royal Numismatic Society Special Publication 27, 3 vols. 1993-94. xvi + 685 pp. illus.

This work catalogues 478 Anglo-Saxon and related continental coins of the period ca. 630-ca. 810 in the Ashmolean Museum, and illustrates them all at twice life size. The lengthy text provides a comprehensive survey of the gold and silver coinages known to numismatists as thrymsas and sceattas, respectively. (It does not deal with the so-called stycas, which are Northumbrian coins of a silver-brass alloy, slightly later in date.) There are literally hundreds of types and varieties, almost all anepigraphic or with meaningless legends. They can only be attributed to their region of origin by the archaeological method of constructing distribution-maps of single finds, and they can only be dated by analysing their occurrence in an overlapping series of hoards. The author attributes and dates the coins by these methods, following S.E. Rigold's scheme by which the varieties are grouped into series labelled from A to Z. A program of non-destructive chemical analysis is contributed to the volumes by Dr. J.P. Northover, who analysed over 360 specimens by electron-probe micro analysis, for 11 elements. A feature of the volume is the large number of line-drawings of specimens not in the Oxford collection, made by the author by tracing from 4x enlarged photographs. (Author)

295 NORTH, J.J. Some unpublished varieties of Edward I, II, and III. *BNJ* 62 (1992) pp. 97-101 illus.

A record of the varieties and mules which have come to the author's notice since the publication of *SCBI* 39 covering that period. A detailed listing of the London star-marked halfpence of Edward III's second coinage is included to incorporate several new combinations and varieties from the Stanwix hoard. (Author)

296 O'HARA, M.D. An iron reverse die of the reign of Cnut. A.R. Rumble, ed., *The Reign of Cnut, King of England, Denmark and Norway* (Leicester 1994) pp. 231-82.

A reverse die of Cnut's Short Cross type found in soil removed from the Thames Exchange site in London is published. It is of the Norwich mint, by an otherwise unrecorded moneyer Thurulf, raising the question of why it should be found in London. It is one of only four surviving Anglo-Saxon dies. X-ray analysis shows it is

constructed in two parts, with a hardened iron cap, as other dies of the 10th-12th centuries, and it appears to have been coated in a type of tar when lost.

(M.A.S. Blackburn)

297 SHARP, MICHAEL. Notes on two coins of Charles I. *BNJ* 62 (1992) pp. 195-96.

A tower halfcrown type 4, with privy-mark (P) [1643-44] and a shilling of Sharp's type b5/2, 'fine work,' p.m. Anchor [1628-29] are illustrated. (E.M. Besly)

298 SMART, V. *Sylloge of Coins of the British Isles 41: Cumulative Index of volumes 21-40*. London 1992. 141 pp.

299 STEWARTBY, LORD. The Wingate Sale 1875. *BNJ* 62 (1992) pp. 175-84.

Wingate's was the greatest collection of Scottish coins sold in the nineteenth century. Surviving letters from Edward Burns to R.W. Cochran-Patrick reveal the complex negotiation between leading collectors and their agents prior to the sale and offer a vivid insight into the coin market of that time. (Author)

300 STEWARTBY, LORD. English Short-Cross coins from the Eccles hoard. *NC* 153 (1993) pp. 137-51.

301 THOMPSON, R.J. and M.J. DICKINSON. *Sylloge of Coins of the British Isles 43: The Norweb Collection, tokens of the British Isles, 1575-1750. Part III, Hampshire to Lincolnshire*. London 1992. liv + 216 pp. illus.

302 THOMPSON, R.J. and M.J. DICKINSON. *Sylloge of Coins of the British Isles 44: The Norweb Collection, tokens of the British Isles, 1575-1750. Part IV, Norfolk to Somerset*. London 1993. lviii + 218 pp. illus.

303 WITHERS, PAUL and BENTE. *British Coin Weights*. Powys (Wales), Gulata Print 1993. 365 pp. illus.

The authors describe and illustrate every coin weight known for coins used in Britain, from the first such weight in 1205 under King John until the last under Queen Victoria. Where there are die variants, they are given and described. Along with the coin weights, information is given concerning the coinage to which the weights applied. (A. George Mallis)

For additional references to the numismatics of Great Britain, see the following abstract:

Western and Central Europe, No. 335.

WESTERN AND CENTRAL EUROPE

304 AAGAARD, SVEN. Randing og omranding af norske randskriftspecier 1687-1696 [Rimming and re-rimming of Norwegian thalers 1687-96]. *NNUM* 2 (March 1991) pp. 22-28 illus.

305 AAGAARD, SVEN. En typesamling—hvad er det? *Møntsamlere* 2 (1994) pp. 16-20 illus.

The author discusses the importance of creating “types” on conservative elements in dies, with reference to 16th-century hammered crowns. (Author)

306 AAGAARD, SVEN. Nyopdaget 1 skilling 1668 København [An unpublished year 1668 of 1 skilling Copenhagen Mint]. *NumRapp* 37 (1993) pp. 101-2 illus.

307 AAGAARD, SVEN. Fejlvariant af Gianelli-specie 1799 [An unpublished thaler 1799 from the Copenhagen Mint with reversed D in RIGSDALER]. *NumRapp* 38 (1993) p. 158 illus.

308 AAGAARD, SVEN. Fejlvariant af Altona-specie 1790 [An unpublished thaler 1790 from the Altona Mint with SHRISTIANUS instead of CHRISTIANUS]. *NumRapp* 39 (1994) p. 35 illus.

309 AAGAARD, SVEN. “Mysteriekroner”—samtidige, udenlandske kopier af københavnske kroner fra Fr. III og Chr. V. *NumRapp* 40 (June 1994) pp. 59-89 illus. German summary

Based on die-identification of more than 2900 crowns with the stereo-microscope drawing method, the author identifies 17 different crowns formerly attributed to the Copenhagen Mint of the two Danish kings Frederik III (1648-70) and Christian V (1670-99) as contemporary foreign copies presumably made for circulation by the Swedish occupation authorities in Stade, Bremen-Verden in northern Germany.

(Author)

310 BALOGHNÉ ÁBRÁNYI, HEDVIG. Réthy László kinevezési kérelme 1822-ben Pulszky Ferenchez, a Magyar Nemzeti Múzeum

igazgatójához [The nomination attempt of L. Réthy in 1822 of F. Pulsky, Director of the Hungarian National Museum]. *NK* Vol. 92-93 (1993-94) pp. 121-27.

311 BARRANDON, J.-N. and M. BOMPAIRE. *Ecus d'or altères, de 1417 à 1436*. *RN* 6th ser. 34 (1992) pp. 100-150 illus.

45 gold crowns struck beginning in 1417 in the names of Charles VI and Charles VII are analyzed. The sample is small but a rapid investigation allows the verification of twice as many additional examples. Between 1417 and 1435 one can follow the ups and downs of a coinage which was the object of various changes on the part of Charles VI, of the Duke of Burgundy, or of Charles, dauphin and then king. Moreover, the issues vary in his kingdom, at Tournai, in Languedoc, in Dauphiné, and some forgeries have been observed as far as Bourges, where the monetary administration was located. The money-changers of the period describe more than 100 varieties of crowns of various standards. The author's examination, combining the reports and few surviving regulations, the lists of the money-changes, and these analyses, permits the refinement of the classification of these issues in their diversity. Above all the analysis shows how the changes were controlled (and willed) bit by bit by the monetary authorities of Bourges who discovered the potential for striking gold and making a substantial profit in adapting to the local situations. (Authors)

312 BEEK, B. VAN. *Geldsakken*. *Beeldenaar* 15 (1991) pp. 262-63.

In the 17th and 18th centuries parcels of coins of the same denomination were packed in bags of a standard size. Gold ducats always went per 1000 or 500 pieces (3.5 or 1.8 kg, respectively). Large and small silver coins as well as copper doits were—per denomination separately of course—packed in bags of 5-6 kg. The irregular Spanish silver was dealt with in bags of 100 marks (=ca. 25 kg), and here the denomination was of no importance. (Arent Pol)

313 BEEK, E.J.A. VAN and J. FORTUYN DROOGLEEVER. *Geslagen te Zutphen. De stedelijke muntslag*. Zutphen, De Walburg Pers. 1990. 55 pp. illus.

The author provides a history of the municipal mint at Zutphen, ca. 1478-1692, with a catalogue. (Arent Pol)

314 BEEK, M.L.F. VAN DER. *Verwisselingen in Batavia*. *Beeldenaar* 15 (1991) pp. 386-89, 488.

In the first half of the 19th century, new copper coins for the Netherlands East Indies were issued, partly modelled on the 18th century doit from Utrecht dated 1790. After production had been transferred from Utrecht to Surabaya and Batavia (Djakarta), some dies were mixed by accident, resulting in issues with obverse and reverse not belonging together. (Arent Pol)

315 BELLESIA, LORENZO. *Maximis maxima: il mezzo scudo di Reggio Emilia per Alfonso II. SM 44 Vol. 173 (1994) pp. 20-25 illus.*

A very rare half crown of 1571 is discussed. (Silvia Hurter)

316 BENTSEN, BIRGER. *Gustav Vasas danske 1 marck 1535 [The Danish 1 mark struck by Gustav Vasa in 1535]. NumRapp 41 (Sept. 1994) pp. 115-21 illus.*

The author publishes a new specimen of the rare Danish 1 mark issued by the Swedish king Gustav Vasa in 1535. In all three specimens are now known, struck from two obverse and three reverse dies. (Ulla Westermark)

317 BLACKBURN, M.A.S. *Coins and Medals. A. Arnould and J.M. Massing, Splendours of Flanders: Late Medieval Art in Cambridge Collections (Cambridge 1993) pp. 223-30.*

A catalogue of twenty-five coins and medals of the Low Countries of the late 14th and 15th centuries, part of an exhibition at the Fitzwilliam Museum. (Author)

318 BOEGHEIM, L.M.J. *De aanmunting voor de Vrije Stad Danzig door's Rijks Munt in 1923. Jaarboek voor Munt- en Penningkunde 77 (1990) pp. 99-118.*

This is an extensive account of all aspects of the coinage struck by the Dutch mint at Utrecht for Gdansk (Poland) in 1923. (Arent Pol)

319 BOEGHEIM, L.M.J. *De aanmunting voor de Nederlandse koloniën gedurende de Tweede Wereldoorlog in de USA. Jaarboek voor Munt- en Penningkunde 80 (1993) pp. 191-265.*

Extensive account of the minting of Dutch coins in the USA for the Dutch colonies in the East and West Indies during World War II. (Arent Pol)

320 BOEGHEIM, L.M.J. *De stuiver van Piet Ackermans. Beeldenaar 16 (1992) pp. 30-31.*

A private initiative in 1930 resulted in three models for a new stiver. The Ministry of Finance and State Mint saw no reason to follow the suggestion to replace the one in circulation. (Arent Pol)

321 BOEGHEIM, L.M.J. *Een Maria Theresia taler uit...Utrecht. Jaarboek for Munt- en Penningkunde 78 (1991) pp. 111-31.*

At the request of a Dutch commercial firm, the Dutch State Mint at Utrecht struck more than 100,000 Maria Theresia talers in 1939. The coins were intended for the region of Aden, but, because of the outbreak of World War II, could not be

delivered and therefore in the end all but a few were melted down. The dies are preserved in the Utrecht mint. (Arent Pol)

322 BOEGHEIM, L.M.J. Een tweetal onbekende muntontwerpen van Wienecke. *Beeldenaar* 16 (1992) pp. 109-11.

Drawings for new zinc coins were made by the former medallist and die-cutter Wienecke in 1941 but not chosen. (Arent Pol)

323 BOEGHEIM, L.M.J. Munten in opdracht van de Nederlandse regering in de USA geslagen. *Jaarboek voor Munt- en Penningkunde* 79 (1992) pp. 307-54; 80 (1993) pp. 266-69.

During World War II the Dutch government in exile ordered the striking of Dutch silver coins of pre-war types in the United States for use in the Netherlands immediately after liberation. In 1944-45 Dutch coins were struck to a total amount of 200 million guilders from silver lent by the U.S. From the very beginning the issue was a failure, as all coins put into circulation immediately disappeared. Further distribution of the coins was stopped and after the war coins were melted down and the silver was sent back to America. (Arent Pol)

324 BOEGHEIM, L.M.J. Muntslag voor verre landen. Een Utrechtse aanmunting voor Libanon, begeleid door diplomatieke en partijpolitieke wrijvingen. *Beeldenaar* 15 (1991) pp. 284-90.

Full account of the minting of Lebanese coins by the State Mint at Utrecht in 1952-53. (Arent Pol)

325 BOS, M.C. *De zilveren dukaat*. Utrecht 1992.

Concise history of the Dutch silver ducat. (Arent Pol)

326 BRACE, DORTE. The Coinage of Medieval Gotland. *The Picus* 1993 pp. 141-53 illus.

This island in the Baltic Sea, although nominally belonging to Sweden, played an important role in Baltic Sea shipping as a port of call. It was also important to the Hanseatic League. The island had the autonomy necessary to strike its own coins which are described and illustrated for the period from the 1280's to the middle 1500's. (Thomas Serfass)

327 BUZA, JÁNOS. "Luigini 1689." Francia váltópénz hamisítványai a magyarországi pénzforgalomban [The Luigini of 1689. Counterfeit French coins in circulation in Hungary]. *NK* Vol. 92-93 (1993-94) pp. 67-73. French summary.

328 BUZA, JÁNOS. A XVII. századi limitációs törvénycikkek monetáris háttere [The monetary background of the regulation regarding price restrictions in the seventeenth century]. *VIII Kézművesipartörténeti Szimpózium, Veszprém*. Veszprém 1993 pp. 9-18. German summary.

In the Hungarian Kingdom two laws on price limits were passed in 1625 and 1659. Before their issue a great variety of foreign coins were brought to Hungary, where the structure of minting and consequently the rate of exchange were changed as well.
(Melinda Torbágyi)

329 CALLEGHER, B. Basiliano (chiesa di San Marco): le monete. *Aquileia nostra* 62 (1991) pp. 130-31.

The seven coins described in this article, dated between the 12th and 16th centuries, are used to confirm data already known regarding the monetary circulation in Friuli.
(Sara Sorda)

330 CANTACUZINO, GH. Vestigii medievale la Vale Mânastirii pe Motru [Medieval Vestiges at Valea Mânastirii-Motru]. *SCIIVA* Vol. 44/4 (1993) p. 370 illus. French summary.

In a building in the Middle Age settlement of Valea Mânastirii, Gorj County-Oltenia, a ducat issued by the Romanian Prince Vladislav I (1364-1377) was found.
(Constantin Preda)

331 CHARLET, C. Une tentative infructueuse de réouverture de la Monnaie de Grenoble en 1652. *RN* 6th ser. 34 (1992) pp. 151-81 illus.

332 CHIESA, FRANCO. *La zecca di Bellinzona*. Bellinzona (Switzerland), Società Bancaria Ticinese 1991. 191 pp. illus.

333 CIPOLLA, CARLO. Uomini duri. C.M. Cipolla, *Tre storie extra vaganti*. Bologna, Il Mulino ed. 1994 pp. 9-55.

The article describes the Bardi family, active in Florence in the 14th century, their merchant and banking activity, and ultimately their coin forgeries. (Sara Sorda)

334 CIPOLLA, CARLO. La truffa del secolo (XVII). C.M. Cipolla, *Tre storie extra vaganti*. Bologna, Il Mulino ed. 1994 pp. 58-72.

The luigini, French coins widely exported to Turkey between 1655 and 1675, were extensively counterfeited in France and Italy (Liguria). This body of coinage alarmed the European powers and also caused great difficulties for the Turkish sultan and his people.
(Sara Sorda)

- 335** COOK, B.J. A small sixteenth-century hoard of European gold coins. *BNJ* 62 (1992) pp. 194-95 illus.

A hoard of nine coins found at Streat, Sussex, in 1989, is published. They are of France, Spain (2), the Spanish Netherlands (5), and Lucca, with the latest coin 1554. The hoard provides a rare demonstration of the accuracy of contemporary references to the use of foreign gold in England in the mid-sixteenth century. (E.M. Besly)

- 336** CRUSAFONT I SABATER, MIQUEL. Moneda i iniciativa municipal durant la guerra dels Segadors. *Monnaies catalanes "La révolte des Segadors. 1640-1652,"* Musée Puig de Perpignan 1993 pp. 15-45.

- 337** CRUSAFONT I SABATER, MIQUEL. La moneda local, un numerario de suplencia (sec. XIII-XVII). *RIN* 95 (1993) pp. 621-32 illus.

The author analyses the need for coinage in Navarre and Catalonia between the 10th and 13th centuries. One solution was the issuing of local coinage. (Andrea Carignani)

- 338** DALEN-OSKAM, K. VAN and M. MOOLJAART. Vroegmiddelnederlandse muntnamen. Vorm en betekenis. *Amsterdamer Beiträge zur Älteren Germanistik* 35 (1992) pp. 87-126.

The author presents a linguistic study of coin names in Belgium and the Netherlands in the 13th century. (Arent Pol)

- 339** DAVENPORT, JOHN S. South Baltic Regions, Part 3. *NI* 27 No. 10 (Oct. 1992) pp. 216-18 illus.

Coins issued by Dorpat between 1528 and 1558 are illustrated. (Joseph Uphoff)

- 340** DAVENPORT, JOHN S. South Baltic Regions, Part 4. *NI* 27 No. 11 (Nov. 1992) pp. 239-41 illus.

Coins issued by Oesel, Curland, and Reval between 1561 and 1564 are illustrated. (Joseph Uphoff)

- 341** DAVENPORT, JOHN S. South Baltic Regions—the Duchy of Curland. *NI* 28 No. 1 (Jan. 1993) pp. 16-21 illus.

Coins issued by Curland between 1570 and 1646 are illustrated. (Joseph Uphoff)

- 342** DAVENPORT, JOHN S. South Baltic Regions—the Teutonic Order in Prussia. *NI* 28 No. 5 (May 1993) pp. 117-21 illus.

Coins issued by the Teutonic Order in Prussia between 1414 and 1525 are illustrated. (Joseph Uphoff)

343 DEPEYROT, GEORGE. Les crises des V^e et X^e siècles: convergences et divergences. *RIN* 95 (1993) pp. 557-68.

The author discusses the differences and parallels between the two main monetary crises of the early medieval period: that of the 6th-8th centuries and that of the end of the Carolingian period.
(Andrea Carignani)

344 DEVILLA, PATRIZIA. La collezione numismatica di Gian Domenico Bertoli. *Aquileia Nostra* 63 (1992) pp. 133-44.

G.D. Bertoli was a scholar, collector, and archaeologist of the first half of the 18th century and canon in Aquileia, where he established a coin collection (primarily medieval) and a specialized library.
(Sara Sorda)

345 DHENIN, MICHEL. L'or, l'argent, le bronze, métaux monétaires. *Mercati e mercanti nell'alto medioevo: l'area euroasiatica e l'area mediterranea*. Settimane di Studio del Centro Italiano di Studi sull'Alto Medioevo 40 (Spoleto 1993) pp. 827-39.

The author considers the various monetary systems from the fifth through eleventh centuries.
(Andrea Carignani)

346 ENTERS, J.C. Waarom Juno Moneta? *Beeldenaar* 16 (1992) pp. 106-8.

A stamp was issued to commemorate the 100th anniversary of the Royal Dutch Numismatic Society in 1992; the design shows a Roman denarius with Juno Moneta.
(Arent Pol)

347 ERNSTING, BERND, ed. *Georgius Agricola, Bergwelten 1494 1994*. Catalog of the Exhibition of the Chemnitz Schloßberg Musum and the German Bergbau-Museum Bochum in Association with the Chemnitz Municipal Art Collection (Veröffentlichungen aus dem Deutschen Bergbau-Museum Bochum, Bd. 55). Essen 1994. 350 pp. illus.

The exhibition catalog includes detailed descriptions of ancient as well as European and German coins from around 1500. An entire chapter is devoted to the Saxon coinage of the sixteenth century.
(Paul Arnold)

348 FAZEKAS, GÁBOR. Ismét az 1849-es hatkrajcárosokról [Once again on the 1849 six kreutzer]. *AzÉrem* 1993/2 pp. 15-25.

The six kreutzer varieties minted at Nagybánya in 1849 are discussed.
(Melinda Torbágyi)

349 FORNITZ, MICHAEL. En ny Voborgmønt fra Svend Estridsen [A new coin from the Viborg Mint during Svend Estridsen]. *NNUM* 8 (1994) pp. 168-69 illus. In Danish.

The author publishes a coin with previously unknown types. The closest parallels are two rare issues (Hauberg 66 and 67) struck by Svend Estridsen at Viborg. The new coin is attributed to the same king. (Ulla Westermark)

350 FORREST, BOB. More on Abstractions. *NI* 27 No. 10 (Oct. 1992) pp. 214-15 illus.

Coins of the Bishop of Le Puy, Auvergne, and the Bishop of Maguelonne Languedoc, are compared. (Joseph Uphoff)

351 FRANZ, UDO. Die fürstliche Münze zu Anhalt-Dessau in der 2. Hälfte des 17. Jahrhunderts. 1. Teil: Der Prägebeginn im Jahre 1674. *Dessauer Kalender* Vol. 37 (1993) p. 28 and Vol. 38 (1994) p. 18.

In discussing the base coinage output of the mint at Dessau, Franz examines the sources available from the Anhalt archives. This work also looks at the engraver Anton Bernhard Koburger and his work. (Paul Arnold)

352 GALANI-CRICOU, MINA. Thisauros Salaminos 1987 [Salamis hoard 1987]. *Praktika* 1987 (1991) pp. 41-43. In Greek.

A number of "imported" deniers tournois of the 13th century were found during excavation work on the island of Salamis. (Mando Oeconomides)

353 GALANI-CRICOU, MINA. Simvoli stin kokloforia venetikon grossi 13^{ou}-14^{ou} e. ston elladiko choro. Me aformi enan thisouro [Contribution to the circulation of Venetian grossi of the 13th and 14th centuries in Greece. Inspired by a hoard]. *ArchAnAth* 21 (1988) pp. 163-84. English summary.

The author refers to Venetian grossi—as stray finds and in hoards—found in the area of Greece. (Mando Oeconomides)

354 GALANI-CRICOU, MINA. Simvoli stin erevna tis kokloforias meseonikon nomismaton sto despotato tis Ipirou (1204-1449) [Contribution to the research of medieval coins circulating in the Despotate of Epirus (1204-1449)]. *Praktika Diethous Simposiou yia to Despotato tis Ipirou*, Arta, 27-31 May 1990 pp. 125-61.

Venetian and Frankish coin circulation—hoards and stray finds—in the area of the despotate of Epirus is presented in this article. (Mando Oeconomides)

355 GELDER, H.E. VAN. *De reiskas van graaf Willem IV*. Leiden 1990.

Aspects of monetary history of 14th-century Europe, based on the account of a pilgrimage made by William IV of Holland to Palestine, followed by a trip to Eastern Prussia for a campaign against the Lithuanians. The treasurer's account shows how during the journey a shortage of money had to be met with by additional coin supplies forwarded by the count's lands and by loans, how "international" coins had to be changed several times and what difficulties they got into when they encountered totally different monetary systems. (Arent Pol)

356 GELDER, H.E. VAN. Gedrukte muntplakaten in de Nederlanden. *Jaarboek voor Munt- en Penningkunde* 77 (1990) pp. 26-90.

Legislation, the scope of regulations, printers, and texts are treated in a thorough study of the printed monetary regulations in the Northern and Southern Netherlands from the 15th to 18th century. (Arent Pol)

357 GELDER, H.E. VAN. Muntnamen in de Nederlanden, 15e-17e eeuw. *Jaarboek voor Munt- en Penningkunde* 78 (1991) pp. 5-100.

The author provides a repertory of coin names found in the official tariffs from 1433-1649 in the Netherlands (present-day Belgium and Netherlands). Apart from a list of all varieties in the names used, the date of the coin in question, the issuing authority, the modern name, and a bibliographical reference are given. Each ancient coin name is followed by the date when and where it first occurred in a printed source. (Arent Pol)

358 GRAAF, C. DE. Maastricht 1989 en Hoensbroek 1924. Twee zuidlimburgse muntvondsten uit de 15e eeuw. *Jaarboek voor Munt- en Penningkunde* 78 (1991) pp. 143-66.

The latest coin of the Maastricht hoard dates from 1489, but all the other ones are from 1483 and earlier. Probably the owner of the coins deliberately excluded all coins from the inflationary emissions and overlooked just one. A comparison is made with another nearby hoard from the same period. (Arent Pol)

359 GRAAF, C. DE. Muntmeesters en muntschenners, vervalsers en wisselaars. Muntgewichten en muntweegapparatuur in de Nederlanden. *Gewogen of berogen. Het wegen van geld in de Nederlanden*. M. Huiskamp, C. de Graf, ed. Leiden 1994 pp. 57-94.

For a long time the nominal value of most coins was dependent on the precious metal they contained. Therefore the weight was constantly checked, during production as well as in circulation. After a coin had left the mint, the metal content could not be changed, but the weight of the coin was still subject to manipulation. This gave rise to a great variety of objects to check the weight of individual coins. Wooden boxes with a balance and brass weights became very popular. Also, weights for batches of coins were produced. (Arent Pol)

360 GRIERSON, PHILIP. La moneta di conto nel Medioevo. *RIN* 95 (1993) pp. 605-14.

361 GRINDER-HANSEN, KELD. Mønter som kilde till middelalderens økonomiske historie—en praesentation af et kildemateriale. *Fortid og Nutid* 2 (1994) pp. 101-33. In Danish.

The author presents coins as a source for the study of medieval economic history.
(Ulla Westermarck)

362 GROLLE, J.J. De muntslag van de Heren van den Bergh ca. 1320-ca. 1440. *Jaarboek voor Munt- en Penningkunde* 80 (1993) pp. 103-64.

Discussion of the origin of the Berghian coinage right and its exercise between ca. 1320 and ca. 1440. In the 13th century the legal system changed as a result of declining royal-imperial power and a weakening of the feudal system. Local lords like those of Bergh claimed minting rights on the basis of allodial possessions, but they made sure to have the rights confirmed by their superiors. A catalogue of types known (and those inferred to have existed) is given.
(Arent Pol)

363 GRUNE, ROLF. Geschichte der Münzstätte Zerbst. Vom Beginn der Prägung bis zum Anfang des 15. Jahrhunderts. *Money Trend* Vol. 26 No. 5 (1994) p. 18.

The author discusses the issues of the nobles of Zerbst, Barby and Anhalt struck at Zerbst and corrects errors in earlier literature on the subject.
(B. Schauer)

364 GUILLEMAIN, J. La numismatique à Lyon au XVIII^e s. *RN* 6th ser. 34 (1992) pp. 201-28 illus.

From 1700 to 1780, three generations of the "curious" of Lyon—clergymen or magistrates—became enamored of the "science of coins" even though the Parisian elite abandoned it. The primary result was the creation by the municipality, in 1733, of a public collection. In fact, this collection is less visited than the private collections, notably that of the Jesuits who taught numismatics in their school. Whether public or private, the collection evolved little during the course of the century: imperial Roman coinage continues to form its nucleus.
(Author)

365 GULLBEKK, SVEIN H. *Norges Myntvesen I Tidlig Middelalder: Organisering av Myntvesenet og Myntenenes Funksjon [The Norwegian Monetary System in the early Middle Ages]*. Mag.-Art.-thesis, University of Oslo 1994. 204 pp. In Norwegian (unpublished).

This study was presented for the Magister Artium-degree at the Institute of Archaeology, Numismatics and History of Art, University of Oslo, in November 1994. The thesis discusses the development and organization of a national monetary system

established by Harald Hardråde (1047-66) and developed under his son Olav Kyrre (1067-93). The author argues from proportions of uncoined and coined silver in the Norwegian hoards from the Viking-Age and early Middle Ages that coins started to dominate the circulation around the year 1000; that Olav Kyrre carried out a *renovatio monetae* early in his reign; that the size of the coinage in this period was substantial; and that the coin circulation was extensive in parts of Norway in the second half of the 11th century. The thesis also contains a catalogue of analysis of the metal content in 399 pennies from Harald Hardråde and Olav Kyrre, which together with a study of the coin-standard is used to discuss the coinage as a source of income. (Author)

366 HENDRIKSE, H. Het geld uit de belt. *Geld uit de belt. Archeologisch onderzoek in de bouwput van de gemeentelijke parkeerkelder en het belastingkantoor aan de Kousteensedijk te Middelburg.* R.M. van Heeringen et al. Vlissingen 1994 pp. 35-36.

Two small hoards of silver coins dated ca. 1500 are discussed. (Arent Pol)

367 HENGEL, C. VAN. De dikte van vroeg-13e eeuwse munten. *Beeldenaar* 15 (1991) pp. 454-56.

A theory is presented concerning the relation between thickness and weight of medieval coins: all small coins have the same thickness and their weight varies with the diameter, which makes weighing per item in the mint superfluous. (Arent Pol)

368 HENGEL, C. VAN. Vondsten van 12e eeuwse (Hollandse?) munten. *Jaarboek voor Munt- en Penningkunde* 80 (1993) pp. 93-101.

A number of single finds from recent years brought the author to the conclusion that some anepigraphic coins can (tentatively) be attributed to the 12th century count Floris III of Holland. (Arent Pol)

369 HOCQUET, JEAN CLAUDE. Méthodologie de l'histoire des poids et mesures dans le commerce maritime entre Alexandrie et Venise durant le Haut Moyen Age. *Mercati e mercanti nell'alto medioevo: l'area euroasiatica e l'area mediterranea.* Settimane di Studio del Centro Italiano di Studi sull'Alto Medioevo 40 (Spoleto 1993) pp. 847-69.

Against a backdrop of the merchant routes between Venice and the eastern Mediterranean, the author examines the various weight standards adopted. (Andrea Carignani)

370 HOLLMANN, JENNY-E. *Münzgeschichte des Herzogtums Sachsen-Hildburghausen 1680-1826.* Hildburghausen, Verlag Frankenschwelle Jans J. Salier 1994. 167 pp. illus.

371 HUISKAMP, M. Van wisselaars en woekeraars, tollenaars en vrekken. Het wegen van geld in de Nederlandse schilderkunst van de zestiende en zeventiende eeuw. *Gewogen of bedrogen. Het wegen van geld in de Nederlanden*. M. Huiskamp, C. de Graaf, ed. Leiden 1994 pp. 11-56.

On some 16th- and 17th-century Flemish and Dutch paintings people are shown weighing coins. Obviously the theme was suitable for the depiction of bankers, treasurers, tax gatherers and usurers. For similar paintings with a religious meaning there was a market too: the Vocation of Matthew is a repeatedly used theme. The "hidden" message of these paintings is that money is not all-important and one has no need of one's riches after life in this world: Avaritia is to be condemned, all worldly striving is Vanitas. (Arent Pol)

372 IBÁÑEZ ARTICA, M. Consideraciones sobre las primitivas monedas del reino de Pamplona-Navarra. *Numisma* 232 (1993) pp. 109-46.

373 ILISCH, P. Friesische Prägungen des Grafen Wichmann. *Jaarboek voor Munt- en Penningkunde* 77 (1990) pp. 5-25.

A new attribution to Frisia (Netherlands) of a group of pennies from ca. 1000, formerly supposed to have been struck in Vreden (Germany). (Arent Pol)

374 JACOBI, H.W. 1000 Ducaten sonder sack. *Beeldenaar* 17 (1993) pp. 397-400.

A brass weight for 1000 gold ducats is examined; special attention is paid to the question with what precision the 18th-century Dutch mints worked. (Arent Pol)

375 JACOBI, H.W. *Het geheim van de Vallenberg, een valsemunterwerkplaats uit de 16e eeuw*. Valkenburg 1992.

The complete stock in trade of a late 16th-century illegal mint was discovered in a hidden corridor of a stone quarry. Apart from a hammer and a candlestick, several dies for false copper coins of Holland were found, together with a number of blanks and parings plus coins of the type already struck. (Arent Pol)

376 JACOBI, H.W. Meer speelpenninkjes. *Beeldenaar* 16 (1992) pp. 72-74.

Two wooden containers with Nuremberg counters are discussed. (Arent Pol)

377 JACOBI, H.W. Specialistisch onderzoek. A. Pol, *De schat van het Vliegend Hert. Compagniesgeld en smokkelgeld uit een VOC-schip*, Leiden 1993 pp. 60-67.

A preliminary report is given on the 5000 gold ducats found in the wreck of the Dutch East India man-of-war "Vliegend Hert" which sank in 1735. The organization of the mint is discussed in relation to the identities and weights of the coins struck.

(Arent Pol)

378 JENSEN, JØRGEN STEEN. Skattefundet fra Møllergade i Svendborg (1885)—en hilsen fra Erik af Pommerns tid [The hoard from Møllergade, Svendborg (1885), deposited in the early 15th century]. *Årbog for Svendborg og Omegns Museum* 1991 pp. 52-62. English summary. ISBN 87-87769-47-6.

The author discusses the 1885 hoard from Svendborg, Møllergade, deposited ca. 1419-ca. 1424. When an old house was pulled down 51 gold coins, 3,779 silver coins and 10 silver bars were found in a cauldron and a wooden box. When the hoard was found, the original owner of the house had reserved his rights to eventual "Danefæ." The reasons for this rather strange disposition are discussed.

(Author)

379 JENSEN, JØRGEN STEEN. Da Erik af Pommern afslørede en af historiens konstanter... [When the Danish King Eric of Pomerania revealed one of the constant features of history]. *NNUM* 1993 p. 130.

The small sketch, which is inspired by the Danish historian Kai Hørby (1935-93), tells about the answer given by King Eric to a Hanseatic delegation in 1423. He complained that it apparently always was necessary to pay two Scanian pennies for one Lubeck penny, without regard to the actual intrinsic value of the coins in question. Actually, this relationship was stable until 1873!

(Author)

380 JENSEN, JØRGEN STEEN. Et par grundstensfund fra Frederiksstad i København [Some hoards from foundation-stones of the 18th-century Frederiksstad of Copenhagen]. *NNUM* 1992 pp. 7-9, 66.

The author describes a hoard from the foundation stone (1752) of the old Frederik hospital, Bredgade, Copenhagen (now the Museum of Applied Arts). The foundation stone was placed by King Frederik V and had a metal sheet with inscription in Danish and Latin and 7 Dutch ducats (1749-1752). It was found in 1922. The find is compared to similar finds from Copenhagen, mid-18th century.

(Author)

381 JONSSON, KENNETH. Italian coins from IX-XIth centuries found in Sweden. *RIN* 95 (1993) pp. 569-76 illus.

382 JONSSON, KENNETH. The routes for the importation of German and English coins to the Northern Lands in the Viking Age. *Fernhandel und Geldwirtschaft. Beiträge zum deutschen Münzwesen in sächsischer und*

salischer Zeit. Ergebnisse des Dannenberg-Kolloquiums 1990. Sigmaringen 1993 pp. 205-32.

The composition of the hoards is analysed based on Scandinavian hoards. The author suggests that English coins were mainly imported to the Northern Lands via Germany, which is the key area for understanding the reasons for the massive coin importation during the Viking Age. *(Author)*

383 JUNGWIRTH, HELMUT. Die historische und geldpolitische Entwicklung und das österreichische Geldwesen des 15. Jahrhunderts. *NK* Vol. 92-93 (1993-94) pp. 35-39.

384 JUNGWIRTH, HELMUT. Adalékok III. Ferdinand magyarországi pénzveréséhez. *NK* Vol. 92-93 (1993-94) pp. 61-66. In Hungarian.

Detail of the author's Ph.D. dissertation in 1962 "Beiträge zur Münzgeschichte Ferdinands III" (Österreichische Nationalbibliothek) containing data which refer to Hungarian coinage. *(Melinda Torbágyi)*

385 KAHLER, FRIGYES. Tizenkét ujkori pénzlelet Debrecenből [Twelve coin finds of Debrecen from the 16th and 17th centuries]. *Déri Múzei Évkönyv* 1993, pp. 141-66. English summary.

The author publishes and analyzes 12 coin hoards from the town of Debrecen which can be found in the Déry Museum there. *(Melinda Torbágyi)*

386 KLEIN, ULRICH. Die Churer Münzprägung vom 8. bis zum Ende des 13. Jahrhunderts. *SNR* 73 (1994) pp. 111-55 illus.

This article presents the medieval coinage of Chur (Grisons, Switzerland), incorporating all recorded specimens from Scandinavian and eastern European hoards, with comparative material from southern Germany and northern Italy. *(Editor)*

387 KÖHEGYI, MIHÁLY. Két körmöcbányai vésnök: Mayer Elek és Josef Reisner [Two die-sinkers from Körmöcbánya: Elek Mayer and Josef Reisner]. *AzÉrem* 1993/2 pp. 37-38.

388 KÖHEGYI, MIHÁLY. Váltópénzhiány 1938-ban [Shortage of small change in 1938]. *AzÉrem* 1994/1 pp. 10-14.

389 KÖHEGYI, MIHÁLY. Pénztörténeti adatok Kecskemét város körösvényeiben I. Ferenc pénzkibocsátásának negyedik és ötödik periódusához /1813-1818 [Thoughts on monetary history from a letter of the

city Kecskemét in the fourth and fifth period of the issues of Franz I in 1813-1818]. *NK* Vol. 92-93 (1993-94) pp. 75-81.

390 KRANEVELD, PETER. Official Smugglers. *NI* 28 No. 7 (July 1993) pp. 163-64 illus.

Discussion of a shipwreck discovery and the author's conclusion that it provides evidence for smuggling into the Netherlands by the VOC is presented. (*Joseph Uphoff*)

391 KUNZEL, MICHAEL. *Das Münzwesen Mecklenburgs von 1492 bis 1872*. Berlin, Gebr. Mann Verlag 1994 (Berliner Numismatische Forschungen, Neue Folge, Bd. 2). 529 pp. illus.

The author builds on his standard work on the Mecklenburg coinage published in 1985 (*NL* 116, 667). In this work he provides an extensive catalog of all of the Mecklenburg issues and their variations struck between 1492 and 1872. (*Paul Arnold*)

392 LAUERWALD, PAUL and WULF WALTHER. Ein hochmittelalterlicher Denar von Großgottern, Kreis Mühlhausen. *Mühlhäuser Beiträge* No. 16 (1993) pp. 111-13.

The author describes a Saxon denar from the later group in Dannenberg's corpus and its archaeological context. (*Paul Arnold*)

393 LEÁNYFALUSI, KÁROLY. A Forint-Fillér érmék vésnökei [The die-sinkers of the Forint-Fillér coins]. *AzÉrem* 1994/1 pp. 33-35.

394 LINDEN, D. VAN DER. Rekenpenningen. *Geld uit de belt. Archeologisch onderzoek in de bouwput van de gemeentelijke parkeerkelder en het belastingkantoor aan de Kousteensedijk te Middelburg*. R.M. van Heeringen et al. Vlissingen 1994 pp. 37-40.

Counters found in Middelburg are presented. (*Arent Pol*)

395 MAJEWSKI, ARTHUR. Coins of the Primogenous Western Slavs. *NI* 28 No. 3 (March 1993) pp. 71-74 illus.

Coins issued by Slavic peoples ca. 1050 in eastern Germany are discussed. (*Joseph Uphoff*)

396 MALMER, BRITA. A Small Long Cross Die-Chain from the Early 11th Century Associated with the Sigtuna Coinage. *Sources and Resources. Studies in Honour of Birgit Arrhenius*. Tony Hackens et al., ed. *PACT* 38 (1993) pp. 469-75.

In this paper, intended mainly for readers without numismatic knowledge but with scientific training, numismatics is described as an interdisciplinary field of research. On the one hand it is connected with the humanities: with archaeology, history and linguistics. On the other, numismatics is dependent on natural sciences, e.g. analysis of metal, computer technology, and statistics. Today there are two basic methods employed in numismatic research. 1. The study of die-links. 2. Quantitative analysis. As an example, a small die-chain from the mint of Sigtuna, Sweden, is described.
(Author)

397 MARTIN, COLIN. Un *cornuto* de Lausanne, contremarqué (à Milan?). *Bulletin, Association des Amis du Cabinet des Médailles* (Lausanne), Vol. 6/1993 pp. 27-29 illus.

398 MARTIN, COLIN. Des poids de la collection du Cabinet des Médailles. *Bulletin, Association des Amis du Cabinet des Médailles* (Lausanne), Vol. 6/1993 pp. 30-33 illus.

399 MARTIN, COLIN. Une curieuse boîte de poids. *Bulletin, Association des Amis du Cabinet des Médailles* (Lausanne), Vol. 6/1993 pp. 34-37 illus.

400 MARTIN, COLIN and MATTEO CAMPAGNOLO. *Catalogue des balances de changeurs, des dénéraux et des poids. 1. La France et l'Italie.* Cahiers romands de numismatique 2. Lausanne, Cabinet des Médailles 1994. 200 pp. illus.

401 MATZKE, MICHAEL. Die sieben Kreuzfahrermünzen und das Papsttum. *SM 44* Vol. 173 (1994) pp. 13-19 illus.

The author discusses the seven types of pennies which the crusaders brought to the Holy Land in the First Crusade.
(Silvia Hurter)

402 McLEES, CHRISTOPHER. The late medieval mint workshops at the Archbishop's palace, Trondheim. *Antiquity* 68 (1994) pp. 264-74 illus.

Recent excavations at the Archbishop's palace in the city of Trondheim, Norway, have brought to light mint workshops of the period 1458/1483-1537. Surviving internal arrangements, analogous with features portrayed in contemporary illustrations, are uniquely illuminative of late medieval minting.
(Author)

403 MISSERE, GIANLUIGI and FEDERICA MISSERE FONTANA. *Una silloge numismatica del secolo XVI: Celio Calcagnini e la raccolta estense.* Modena, Aedes Muratoriana 1993. 67 pp. illus.

The authors study numismatic collections based on a copy of a manuscript of the 16th century, the *Aureorum Numismatum Illustrissimi Herculi II Ducis Elenchus* of the Ferraran scholar Celio Calcagnini. (Andrea Carignani)

404 MURRAY, GLENN. Génesis del Real Ingenio de la moneda de Segovia. II. Búsqueda y concertación del emplazamiento (1582-1583). *Numisma* 232 (1993) pp. 177-222.

405 MUSEUM FÜR STADTGESCHICHTE DESSAU. *Anhaltische Münzen und Medaillen. Herausgegeben von der Kulturstiftung der Länder in Verbindung mit dem Land Sachsen-Anhalt, der Stadt Dessau und dem Museum für Stadtgeschichte Dessau.* Dessau 1993. 24 pp. illus.

The Museum für Stadtgeschichte Dessau publishes six rare Anhalt coins and medals it acquired. (Paul Arnold)

406 PAP, FERENC. Pénzforgalom a XIV.-XV. századi Erdélyben [Monetary circulation in Transylvania in the 14th and 15th centuries]. *NK* Vol. 92-93 (1993-94) pp. 51-59. French summary.

The author analyses the Transylvanian coin circulation in the 14-15th centuries on the basis of 66 hoards. (Melinda Torbágyi)

407 POL, A. *De schat van het Vliegend Hert. Compagniesgeld en smokkelgeld uit een VOC-schip.* Leiden 1993.

The Dutch East India man-of-war 'Vliegend Hert' was sent to Asia in 1735, but near the harbor the ship sank and its contents could not be recovered until recently. It had an official cargo of 6,000 gold ducats and 370 kg of silver coins, but the finds revealed an unofficial shipment as well. Smuggled silver ducatoons were found in numbers as great as the officially exported silver real de a ocho. The book shows how the Company reached decisions regarding the money, where it was procured, and how it was shipped. (Author)

408 POL, A. Munten, penningen en muntgewichten. J.J. Lenting, H. van Gangelen, H. van Westing, eds. *Schans op de grens. Bourtanger bodembvondsten 1580-1850.* Sellingeren 1993 pp. 475-87.

A survey of nearly 350 coins (and a few related objects) found within the fort of Bourtange at the German border in Groningen. (Author)

409 POL, A. Muntmélange 108. *Beeldenaar* 15 (1991) pp. 334-39.

The author discusses new coin types and varieties from Louis the Pious, a hybrid coin from the lordships of Coevorden/Kuinre (ca. 1310), several other medieval coins, and a private imitation of a Dutch gold ducat made in Surabaya in 1951. (Author)

410 POL, A. Muntproductie en muntvondsten in de vroege middeleeuwen. *Geld uit de grond. Tweeduizend jaar muntgeschiedenis in Zuid-Oost-Vlaanderen*. M. Rogge, L. Beeckmans, ed. Zottegem 1994 pp. 97-121.

The author surveys Merovingian and Carolingian coinage in general and discusses finds from Flanders from this period in particular. (Author)

411 POL, A. *Noord-Nederlandse muntgewichten*. Leiden 1990.

This reprint of the article in *Jaarboek voor Munt- en Penningkunde* 76 (1989) pp. 5-143 contains a full catalogue of all obverses and reverses of Northern Netherlands (Dutch) coin weights, together with tables for identification of the European coins used in the Netherlands and the coin weight makers from ca. 1580 to ca. 1800. An introductory chapter deals with the weighing of coins in general, the production of coin weights and technical problems for makers and users; an alphabetical list of old Dutch coin names is added. (Author)

412 POL, A. Spectaculaire schatvondst uit de 9e eeuw. *Beeldenaar* 16 (1992) pp. 66-71.

The author presents a preliminary study of the huge hoard Tzummarum 1991 of nearly 3,000 Carolingian pennies. (Author)

413 PURMER, D. Drie Reckheimse duiten en een Hollandse penning. *Beeldenaar* 16 (1992) pp. 112-14.

The countermark 'M above shield with barry' on 17th-century Dutch copper is ascribed to the county or city of Meurs (Mörs, Germany). (Arent Pol)

414 RICHARD, J. Une bulle inédite du monastère de la Table Notre Seigneur (XII^e x.). *RN* 6th ser. 34 (1992) pp. 233-36 illus.

A metallic copy from the Seyrig collection reveals an unpublished papal seal from the monastery of "la Table Notre Seigneur" established near the Byzantine basilica which held the rock on which Christ placed the loaves and fishes before their multiplication. This papal seal of the 12th century(?) is the only current testimony of the existence of a Catholic religious community charged with officiating at this oft-visited pilgrimage site. (Author)

415 ROVELLI, ALESSIA. Usi monetari nell'Italia altomedievale: l'esempio della documentazione farfense. *RIN* 95 (1993) pp. 547-56.

Based on an analysis of coinage and circulation in the territory of the abbey of Farfa between the 8th and 19th centuries, the author proposes a coexistence of various means of exchange: silver coins, gold coins, and uncoined metal pieces.

(Andrea Carignani)

416 RUEDA SABATER, M. Dinerales medievales para el oro en Castilla. *Numisma* 232 (1993) pp. 147-62.

417 SACCOCCI, A. Le monete negli scavi archeologici medievali delle Venezie (sec. XI-XV). B.M. Scarfì, ed., *Studi di Archeologia della X Regio in ricordo di Michele Tombolani*. Rome, L'Erma di Bretschneider 1994 pp. 527-36 illus.

The author presents methodological considerations of the contribution of excavated coins to the study of their chronology and circulation and proposes chronological divisions for the coins found in Veneto. (Sara Sorda)

418 SCHÄRLI, BEATRICE. Geld ist nicht gleich Münze! Ist die Münze gleich Geld? *RIN* 95 (1993) pp. 641-52 illus.

The author presents a series of examples of the non-monetary use of coins in Swiss territory from the 15th century to the present. (Andrea Carignani)

419 SCHEFFERS, A.A.J. Geld in Noord-Holland. *Geld in Alkmaar. Opstellen over geld en penningen in relatie tot Alkmaar*. M.L. Pop-Jansen, C. Streefkerk, ed. Alkmaar 1993 (=Oud Alkmaar 17.4) pp. 7-46.

The author provides a concise numismatic history of the Netherlands, with special attention to the province of Holland. Regulations for coin production as well as for circulation are dealt with; the instruction for an official money changer for the city of Alkmaar is given in full transcription. (Arent Pol)

420 SCHEFFERS, A.A.J. Carel Frederik Wesselman. Van muntmeester tot monetarist. *Helmonds Heem* 3-4 (1991) pp. 17-42.

The author presents a biography of the 18th-century Utrecht mintmaster Wesselman. (Arent Pol)

421 SCHOLLAARDT, C. Het vetgemeste varkentje. *Beeldenaar* 16 (1992) pp. 86-87.

The author describes a children's book from ca. 1913 with stories told by coins then in the Dutch circulation: 'real life' as felt by different denominations, but with some numismatic understanding. The cover is decorated with a piggy bank, surrounded by all the coins mentioned. (Arent Pol)

422 SEJBAL, JIRÍ. Ungarische Münzen im Geldumlauf in Mähren. *NK* Vol. 92-93 (1993-94) pp. 41-45.

The author gives a short summary of the Hungarian coins in Moravia from the 11th century through the 19th. (Melinda Torbágyi)

423 SOÓS, FERENC. János király 1527-es nagyszebeni aranyforintjának címerei. CNH II.325 [The coat-of-arms of Nagyszeben gold florin—CNH II.325—of 1527 under King John]. *AzÉrem* 1993/2 pp. 26-29.

Corrections are made to the identification of the coat-of-arms figured on the gold florin of CNH II.325. (Melinda Torbágyi)

424 SPUFFORD, PETER. The coinage of the Burgundian Netherlands. A. Arnould and J.M. Massing, *Splendours of Flanders: Late Medieval Art in Cambridge Collections* (Cambridge 1993) pp. 221-22.

This is a short survey of coinage in the Low Countries in the 15th century, to accompany an exhibition of Flemish art at the Fitzwilliam Museum. (M.A.S. Blackburn)

425 STAHL, ALAN M. A fourteenth century Venetian coin pattern. *RIN* 95 (1993) pp. 597-604 illus.

The subject of this article is a Venetian grosso of the late 14th century. The author concludes that the piece was produced as a pattern, but that the design was rejected. (Andrea Carignani)

426 STREEFKERK, C. Geen geld? Geen nood: noodgeld! *Geld in Alkmaar. Opstellen over geld en penningen in relatie tot Alkmaar*. M.L. Pop-Jansen, C. Streefkerk, eds. Alkmaar 1993 (=Oud Alkmaar 17.4) pp. 47-53.

The emission of emergency coins in Alkmaar in 1573 is described. (Arent Pol)

427 STUURMAN, J.G. Drieplakken en vierlingen. *Jaarboek voor Munt- en Penningkunde* 80 (1993) pp. 165-90.

A small mid-16th-century coin of the Imperial Cities became popular and was imitated extensively by other cities and lordships in the Eastern part of the Netherlands. Because these flooded the circulation, regulations were proclaimed and the original good coins counterstamped to make them distinguishable. (Arent Pol)

428 SUCHODOLSKI, STANISLAW. Le problème de la circulation de l'argent sous la forme de bijoux, de lingots et des monnaies fragmentées dans la zone de la Baltique, du IX^e au XI^e siècle. *RIN* 95 (1993) pp. 577-84 illus.

From the examination of hoards found in the Baltic region during the Viking period (9th-11th cent.), the picture of the circulation of silver emerges as one where coins were accompanied by "unstruck" metal. (Andrea Carignani)

429 SZEMÁN, ATTILA. A selmecebányai rézpolturák—“vörös polturák”— ellenjegyeiről. I rész [The countermarks of the copper polturae issued in Selmecebánya. Part 1]. *AzÉrem* 1993/2 pp. 30-36.

Entirely new conclusions are presented by the author regarding the copper polturae, according to which the most important one is that the two most common countermarks were used on the emergency coins of the imperial garrison troops sieged by the Kuruts, the insurrectionist armies of Ferenc Rákóczi II. (*Melinda Torbágyi*)

430 SZEMÁN, ATTILA. A selmecebányai rézpolturák—“vörös polturák”— ellenjegyeiről. II rész [The countermarks of the copper polturae issued in Selmecebánya. Part 2]. *AzÉrem* 1994/1 pp. 19-27.

431 TALVIO, TUUKKA. Avenir ja Abraham Griliches [Avenir and Abraham G.]. *Numismaattinen Aikakauslehti* 3 (1994) pp. 74-76 illus.

A.G. Griliches (1822-1905) and A.A. Griliches (1849-1912) were among the best-known engravers of the St. Petersburg mint in the late 19th century. The elder Griliches also worked for the Helsinki mint for a short time in the 1870s, and the son engraved two Finnish medals in the 1890s. (*Author*)

432 TALVIO, TUUKA. C.G. Tamelander och hans samlingar [C.G.T. and his collections]. *NNUM* 8 (1994) pp. 164-67 illus.

Lt. Col. C.G. Tamelander (1792-1861) was in his time one of the leading coin collectors in Finland. He is known to have acquired rare coins from Viking Age hoards, including Finnish imitations of Byzantine miliaresia. (*Author*)

433 THORMANN, HEINZ. Anhalts Kippermünzstätten und ihre Münzmeister. Ein erster Bericht. *Mitteilungen des Vereins für Anhaltische Landeskunde* Vol. 2 (1993) p. 31 and Vol. 3 (1994) (not yet published).

Thormann examines the activity of the Anhalt mints during and after the initial Kipperzeit and attempts to assign some of the types to specific mints. He uses the mint records and parish registers from the archives at Oranienbaum. The first part discusses mints of the sovereign regions of Zerbst and Dessau. (*B. Schauer*)

434 TOUSSAINT, I. and E. VAN GINKEL. *Schatten in de bodem: Zeeuwse muntvondsten*. Goes 1992.

This is a brief survey of hoards from all periods from the province of Zeeland, Netherlands. (*Arent Pol*)

435 TRAVAINI, LUCIA. Hohenstaufen and Angevin denari of Sicily and Southern Italy: their mint attributions. *NC* 153 (1993) pp. 91-135.

436 TRAVAINI, LUCIA. A new Sicilian copper coin of King William II (1166-89). *NC* 153 (1993) pp. 217-18 illus.

437 TRAVAINI, LUCIA. Propaganda politica nelle monete normanne e sveve del regno di Sicilia. *RIN* 95 (1993) pp. 585-95 illus.

Political and religious messages on Norman coins and the use of models and types derived from ancient coins on the Suevian issues constitute two examples of political propaganda in the coinage of medieval Sicily. (Andrea Carignani)

438 V. SZÉKELY, GYÖRGY. XIV. századi pénzverés Székesfehérvárott [Minting in Székesfehérvár in the 14th century]. *AzÉrem* 1993/2 pp. 10-14.

The identification of coins minted in the Angevin epoch is attempted in connection with Székesfehérvár. (Melinda Torbágyi)

439 V. SZÉKELY, GYÖRGY. Az ezüstpénzverés helye és szerepe a későközépkori magyar pénzrendszerben és pénzforgalomban [The role and place of the silver coinage in the Hungarian monetary system and monetary circulation in the late Middle Ages]. *NK* Vol. 92-93 (1993-94) pp. 47-50. English summary.

440 VELDEN, P.M. VAN DER. *De provinciewapens van Overijssel op provinciale munten. Een overzicht en bespreking van wapens op munten van de provincie Overijssel in de periode 1590-1796.* Vriezenveen 1992.

The author discusses the (minor) differences in execution of the Overijssel coat of arms on the coins of that Dutch province. (Arent Pol)

441 WEDELL, KARL-HEINZ. *Die deutschen Kleinmünzen von 1803 bis 1873.* Oschersleben, Ziethen Verlag 1994. 274 pp.

This book contains both a detailed historical and numismatic introduction and a complete catalogue of all the small coins of the German states, with significant corrections and additions to existing standard works. (Paul Arnold)

442 WEILLER, RAYMOND. Resultate der stempelvergleichenden Methode an hochmittelalterlichen Trierer Münzen. *Fernhandel und Geldwirtschaft.* Bernd Kluge, ed. Sigmaringen, Jan Thorbecke Verlag 1993 pp. 125-33 illus.

The results of the comparison on early medieval silver coins of Trier are explained by seven examples concerning variations of legends and types. (Author)

443 WEILLER, RAYMOND. Monnaies liégeoises des XII^e et XIII^e siècles découvertes sur le territoire de l'ancien duché de Luxembourg. *Le Luxembourg en Lotharingie/Luxembourg im Lotharingischen Raum. Mélanges Paul Margue/Festschrift Paul Margue*. Luxembourg, Édition Saint-Paul 1993 pp. 723-30 illus.

Finds, in the former territory of the Duchy of Luxembourg, of early medieval silver coins from the bishopric of Liège are described and illustrated from specimens in the Luxembourg Coin Cabinet. (Author)

444 WEILLER, RAYMOND. Commentaires sur la valeur intrinsèque et le cours de certains gros luxembourgeois à l'époque des engagistes. *Hémecht* 2/1994 pp. 479-86 illus.

A comment on the value of late medieval Luxembourg silver coins is given on the basis of the results of metal analyses performed at ARBED-Recherches. (Author)

445 WIEL, H.J. VAN DER. De ongedateerde rozenobels van Utrecht. *Jaarboek voor Munt- en Penningkunde* 78 (1991) pp. 101-10.

After cataloguing the varieties of the undated rose nobles of the province of Utrecht, the author divides them into two groups and allots these to the production periods of 1582-85 and 1600-1901. (Arent Pol)

446 WIEL, H.J. VAN DER. De Uniemunten van Utrecht. *Jaarboek voor Munt- en Penningkunde* 77 (1990) pp. 91-98.

This is a catalogue of the Utrecht coins of 1579, struck shortly after the conclusion of the Union of Utrecht at the beginning of the Dutch Revolt. (Arent Pol)

447 WIJSENBEEK, A. TH. *Geld van de Zuiderzeebodem*. Ketelhaven 1993.

The author presents background information on late medieval and early modern coins found in some of the shipwrecks in the former Zuiderzee (now dry land: Flevopolders). (Arent Pol)

448 WITTOP KONING, D.A. *De Gelderse munt te Harderwijk, 1584-1806*. Bussum 1993.

This is a concise history of the mint at Harderwijk in the province of Gelderland, from the 16th century until 1806, with a summary catalogue of coin types produced there. Sections on equipment and personnel, on some special coins and on the medals produced there complete the booklet, together with a group of medals relating to the short-lived Harderwijk university. (Arent Pol)

- 449** ZOMBORI, LAJOS. Öntött konvenciós huszkrajcárosok [Cast conventional 20 kr. coins]. *AzÉrem* 1994/1 pp. 7-9.

For additional references to the numismatics of Western and Central Europe,, see the following abstracts:

Technology and Methodology, No. 31

Near and Middle East, No. 222

Great Britain, Nos. 283, 288

Eastern Europe and the Balkans, 455.

EASTERN EUROPE AND THE BALKANS

- 450** BROZOVIC, DALIBOR. *The Kuna and the Lipa: the currency of the Republic of Croatia*. Zagreb 1994. 67 pp. illus.

Written as a defense of the selection of the name for the new Croatian currency unit (also used by the Nazi-allied Independent State of Croatia during World War II), this work describes the evolution of monetary names both for coins and as units of account from the early medieval period through plans for a currency for the Banovina of Croatia (1939-41) including illustrations of models discovered in 1988. The World War II currency is treated in special detail, as are recent arguments after the breakup of Yugoslavia on a replacement for the dinar. (Charles B. Smith, Jr.)

- 451** DJOZIC, HAKIJA. Novac Srednjovjekovne Bosne [Coins of Medieval Bosnia]. *Numizmaticar* (Sarajevo) 1 (1971) pp. 9-16 illus.

The political and economic environment, coin-issuing rulers, and the types of coins produced are surveyed. Included is a table of rulers, the types of coins they produced, and average diameters and weights for each type. (Charles B. Smith, Jr.)

- 452** GLAVAŠ, TIHOMIR. Druga ostava Bosanskog novca iz Ribica kod Konjica [The second find of Bosnian coins from Tibici near Konjic]. *Glasnik Zemaljskog Muzeja Bosne i Hercegovine*, N. S., Archaeology 44 (1989) pp. 233-66 illus. English summary.

The author compares this new find, of which 1368 pieces reached the museum, with a previous find in the same village described by Ciro Truhelka in the same journal in 1905. The two discoveries are the only finds from which large quantities of medieval Bosnian silver coins were preserved for study, and both consist of issues of Kings Tvrtko II and Tomaš Ostojic. Glavaš reaffirms Truhelka's reassignment to Tvrtko II of many issues attributed by Sime Ljubic to Tvrtko I. The question of the location of the Bosnian royal mint is treated. In spite of speculation, on the basis of

the two large finds, of a mint in or near Ribici, the author favors Fojnica but states that firm evidence is still lacking for a definitive conclusion. (*Charles B. Smith, Jr.*)

453 HORVITZ, PETER S. The Recall of Romania's Nickel Coinage. *NI* 29 No. 1 (Jan. 1994) pp. 19-20 illus.

Reasons are provided for the recall of nickel coinage minted between 1936 and 1938 in Romania. (*Joseph Uphoff*)

454 JULIAN, ROBERT W. *Russian Silver Coinage 1796-1917*. Logansport IN (by the author) 1993. 120 pp. illus.

A brief history of the coinage precedes a detailed catalog of same by type, date, and mint, including commemoratives and patterns. (*Joseph E. Boling*)

455 KUPA, MIHÁLY and GJURO KRASNOV. Ratna Lira iz Udina zigosana u S.H.S. [War lire from Udine over stamped in the Kingdom of Serbs, Croats and Slovenes]. *Numizmaticar* (Sarajevo) 4-5 (March 1976) pp. 23-24 illus.

Described and illustrated are five and ten centesimi issues of the Cassa Veneta dei Prestiti in Udine of 2 January 1918. Each bears a stamp 73x14 mm. in Cyrillic: II. KONICKI PUT CARA DUŠANA/Br. _____ in two lines. The stamp evidently dates from the beginning of 1919 and was applied by a Serbian cavalry unit. Otherwise, the circumstances of its application are unknown. (*Charles B. Smith, Jr.*)

456 MIRNIK, IVAN. *Srebra Nikole Zrinskog: Gvozdanski rudnici i kovnica novca* [The silver of Nikola Zrinski: the Gvozdansko mines and mint]. Zagreb 1992. 96 pp. illus. English summary.

The author provides a detailed history and analysis of the issues of Nikola of Zrim, who minted denars, grossi, and talers, as well as pfennings, between 1521 and 1533 under the authority of kings Louis II and Ferdinand I Habsburg. The history of the Gvozdansko castle is also given, as well as of the mines, from their discovery by the Romans (or perhaps even earlier) to their final closure in 1966. Included is an outline of the grant and use of the minting privilege in Croatia and Slavonia.

(*Charles B. Smith, Jr.*)

457 POGACNIK, ALBIN. Nalaz frizatika kod Gajevog sela u Bosni [Find of Freisacher pfennigs at Gajevo village in Bosnia]. *Numizmaticar* (Sarajevo) 2-3 (Dec. 1972) pp. 8-13 illus.

In 1972, a plow turned up a pot containing 1,276 silver coins and eight gold pieces. The Freisach ERIACENSIS type (Luschin No. 6) accounted for 73% of the find, with the remainder including products of St. Veith, the Aquileia patriarchate,

Villach, Otok (Gutenwert), Kamnik (Stein), and the Croatian issues of Duke Andrew II. A comparison to the 1880 Detti find in Banat is appended.

(Charles B. Smith, Jr.)

458 ZAITSEV, Z.Z. The Reasons for Striking of Chekhs in Svensk. *NI* Vol. 29 No. 11 (Nov. 1994) pp. 255-58 illus.

Theories regarding the minting of this denomination at Svensk, Poland, by the Russians between 1686-1687 are presented.

(Joseph Uphoff)

For additional references to the numismatics of Eastern Europe and the Balkans, see the following abstracts:

Roman, No. 164

Western and Central Europe, No. 318

Paper Money, No. 603.

THE AMERICAS

UNITED STATES

459 ARGYRO, DANIEL. Major Die States of the Year 1848, Part 5. *PW* Vol. 28 No. 3 (May 15, 1994) pp. 146-47 illus.

Continuation of the author's studies of large cents of 1848, this installment covers N-25 (a-e), N-26 (a, b), N-28 (a-d), and N-29 (a-f). The author notes N-27 will be published at a later date. Diagnostic features for both the obverse and reverse are presented.

(Thomas Serfass)

460 ARGYRO, DANIEL. Major Die States of 1848, Part 6. *PW* Vol. 28 No. 4 (July 15, 1994) pp. 206-14 illus.

The author focuses on N-8 and N-27 in this sixth installment on die states of 1848 large cents. He calls these two varieties "the most interesting" of the year with 10 die states known for N-8 and 15 for N-27. Adding to the interest of these varieties is the fact that only one die state, N-27o, is rare with the rest being "relatively common." Each die state is illustrated with a drawing of the reverse. Diagnostic features are highlighted in text captions beside the drawings.

(Thomas Serfass)

461 BERTSCH, WOLFGANG. The Possible Origin of the \$-Sign. *NI* 28 No. 10 (Oct. 1993) pp. 240-41 illus.

462 BLYTHE, AL. A Spectacular Blunder, Identified as Possibly an 1853/1853/2 Half Dime. *Gobrecht J* Vol. 20 Issue 60 (July 1994) pp. 3-5 illus.

A new "Blunder date" variety of 1853 with arrows half dime has been carefully documented by the author. Originally discovered as an unlisted variety by Michael Hodder, the obverse has a repunched date above which the remnants of the numerals 185 appear just below the base of the rock. The 1853/2 designation is somewhat preliminary and the author calls for more microscopic analysis to confirm his findings. Blythe detected "the ghost outline of an earlier 2 under the earlier 3" using 60 power magnification. Despite the discovery piece being graded AU-55, the numeral remnants are so prominent they should remain on even low grade specimens.

(Thomas Serfass)

463 BRIGGS, LARRY. Grade Analysis of 1993 Seated Quarter Survey Data. *Gobrecht J* Vol. 20 Issue 60 (July 1994) pp. 6-14.

The results of a survey which yielded 103 respondents representing just over 3900 liberty seated quarters. Five tables present total number of pieces by date, mint, median grade and average grade.

(Thomas Serfass)

464 FINKELSTEIN, DAVID. Obverse Die Dentil Analysis, Part 2, Capped Bust Halves, 1820 to 1836. *JRJ* Vol. 8 Issue 3 (April 1994) pp. 6-18.

A series of charts and speculations based upon extensive research adding to the knowledge about emission sequences. The author's speculations on engraver "signatures" are interesting and informed. This work contributes to the pool of evidence concerning the production and use of dies and the question of who may have actually engraved them.

(Thomas Serfass)

465 FINKELSTEIN, DAVID. 2 bit and 6 bit Bust Half Dollars. *JRJ* Vol. 8 Issue 4 (July 1994) pp. 28-34 illus.

The author examines errors caused by feeding two planchets into the coining chamber of a screw press at one time. The initial outcome would be two uniface pieces, which might be hard to distinguish from trial pieces. If the pieces were run through the press a second time, a double impression could be produced on the one side and a normal impression on the other. Both types of coins are illustrated and the author explains his conclusions in detail.

(Thomas Serfass)

466 GRIFFEE, JOHN. New Jersey Coppers: Maris 51 g. *PW* Vol. 28 No. 3 (May 15, 1994) pp. 136-37.

A historical note on this variety of counterfeit New Jersey copper prefaces its description. The author presents a condition census of known specimens. He also provides a listing of pieces sold at auction whose owners are unknown to him.

(Thomas Serfass)

467 GRIFFEE, JOHN. New Jersey Coppers, part 16: Maris 42-c. *PW* Vol. 28 No. 4 (July 15, 1994) pp. 228-30.

The rare C reverse is detailed in all three of its varieties. Diagnostic information is combined with condition census information. The results of the author's condition census study has led him to revise the rarity rating for the 42c down to an R5 from its previous rating as R6.

(Thomas Serfass)

468 KENNY, DAVID. Mintage Quantities of Federal Coinage: A New Perspective Derived from the study of Eagles. *JRJ* Vol. 8 Issue 4 (July 1994) pp. 6-14.

A review of earlier population survival numbers by Breen, Hilt and Akers with the author's analysis of those figures and methodologies. The central question of the study is whether U.S. Mint delivery warrants correlated to the dates on or varieties of the coins delivered. Kenny presents his own estimates of "Postulated Quantity Minted" and "Estimated Survivors" by variety for the early gold Eagle series. He also urges a true census of Eagles be taken.

(Thomas Serfass)

469 KENNY, DAVID. Capped Bust Eagles: A New Approach to Die Variety Nomenclature. *JRJ* Vol. 8 Issue 3 (April 1994) pp. 22-26.

A short analysis of the scarcity of Capped Bust Eagles is followed by information on the few known dies used to coin them (about 20) and the few obverse/reverse combinations (32). An explanation of the nomenclature and its application to the 32 varieties is presented in a chart including Breen numbers, Hilt numbers and star information.

(Thomas Serfass)

470 MALLIS, A. GEORGE. Early American Coinage: Worlds of Possibility. *Num* Vol. 107 No. 10 (October 1994) pp. 1428-33, 1479-83 illus.

Beginning with the fact that the colonies and subsequently the United States did not have enough circulating currency to satisfy the needs of their populace in the late 18th and early 19th centuries, the author has examined the use of foreign coinage in America. He has compiled the laws concerning foreign coinage as legal tender in the United States, and described some of the mercantile customs which further facilitated its usage. Charts concerning exchange values of various foreign coins as well as the text of applicable U.S. law is presented.

(Thomas Serfass)

471 McCLOSKEY, JOHN W. The 1844 Half Dime. *Gobrecht J* Vol. 20 Issue 60 (July 1994) pp. 31-33 illus.

The three varieties of this coin are described and illustrated by the author. Interestingly, the repunched date variety may well be the most common of the three.

(Thomas Serfass)

472 McLAUGHLIN, MICHAEL. Fugio Files Updated—Part Eleven. *PW* Vol. 28 No. 3 (May 15, 1994) pp. 139-43.

Continuation of the author's detailed study of Fugio reverses. This installment describes reverses T, U, V, W, and WW. Each entry includes description of the die, die states, strike order, population information with coin weights, specimen bank notations, and a commentary section.

(Thomas Serfass)

473 McLAUGHLIN, MICHAEL. Fugio Files Updated, Part Twelve. *PW* Vol. 28 No. 4 (July 15, 1994) pp. 218-28.

The author concludes his series of articles on the Fugio cents by detailing reverses x-8, x-11, x-12, x-13, x-18, x-20, y-15, z-1, z-12, z-19, and zz-23. A grading guide to Fugios is presented as an appendix.

(Thomas Serfass)

474 PETERSON, GLENN. Attributing the Smithsonian Collection. *JRJ* Vol. 8 Issue 3 (April 1994) pp. 34-37.

Along with Kent Ingram, the author viewed the Smithsonian's holdings of several series of Bust coinage. The article presents a list of the 172 Bust half dollars held by the Smithsonian along with attribution, grade and for some coins a rarity rating. Especially noteworthy were the Smithsonian's crushed lettered edge proofs for 1833-35.

(Thomas Serfass)

475 PETERSON, GLENN. Attribution of a Hoard of Bust Half Dollars. *JRJ* Vol. 8 Issue 4 (July 1994) pp. 24-27.

A substantial hoard (1166 coins) set aside by a dealer over several decades became available for attribution by the author with help from Kent Ingram. A detailed tabulation done by Peterson includes the Overton number, rarity rating and number of coins in each variety all organized by year. Grading information is not provided as the author indicates most coins were low grade, some so poor that attribution was difficult. The information will shed light on several rarity ratings.

(Thomas Serfass)

476 PETERSON, GLENN. Revision of the rarity ratings for Bust Half Dollars. *JRJ* Vol. 8 Issue 3 (April 1994) pp. 20-21.

The author revises rarity ratings based upon a poll of the Bust Half Nut Club membership. The third edition of Overton's work represented several changes in rarity ratings (including the R8 designation for the first time). There were 37 coins up

for a change in rarity rating and only eight were "ascribed a new rarity rating that did not match the one used by Parsley" (in the Overton third edition). (Thomas Serfass)

477 POLLOCK, ANDREW W. III. *United States Patterns and Related Issues*. Wolfeboro NH, Bowers & Merena Galleries 1994. 510 pp. illus.

The author updates and corrects Hewitt Judd's work in what will be the standard reference on patterns. The main section is arranged by year, listing patterns, mules and off-metal strikes done at the U.S. Mint with Mint dies through 1979. The author then brings die and hub trials pieces into section two of his book from their place in appendix two of the Judd book. "Experimental pieces made outside the Mint with government dies," "Semi-official and private patterns," and "Privately issued restrikes" comprise the next three sections of Pollock's book. The last two sections handle "Uncertain issues" and "Formerly Misattributed Pieces." The author uses the same rarity ratings as Judd but has reorganized and expanded the book and therefore he presents a new numbering system. A Judd-Pollock conversion table is in an appendix. Provenance information on rare patterns, careful metrology and new die varieties are presented as well as an extensive bibliography which includes a separate section devoted to auction catalogs with important pattern material. Three historical appendices are also included. (Thomas Serfass)

478 PRICE, ED. Obverse Die States of 1795 Valentine 4 Half Dimes. *JRJ* Vol. 8 Issue 4 (July 1994) pp. 19-23 illus.

Five obverse die states are described for this common variety of half dime. "The general progression is that the obverse die (A) developed or began life with some small die cracks, (B) was clashed, (C) was lapped, (D) cracked, and then (E) formed a cud. The author provides clear and concise diagnostics accompanied by photos for each die state. There is also some reference to die cracks on the reverse.

(Thomas Serfass)

479 ROSEN, MAURICE. 1795-1804 \$10 Gold Pieces, an Analysis by Date and Type. *JRJ* Vol. 8 Issue 4 (July 1994) pp. 15-19.

The author provides his estimates of rarity (with estimated number of survivors) for this series. He compares his estimates with those of Breen and Akers. Considerable attention is paid to current prices in various grades for these coins.

(Thomas Serfass)

480 SCARINCI, DONALD. New Fugio Die Combination Discovered at 1994 Pre-ANA show in Detroit, Michigan. *The C4 Newsletter* Vol. 2 No. 3 (September 1994) pp. 10-12.

Steve Tannenbaum discovered a Fugio Cent with the pairing of a Newman 17 obverse (die state 3) and a T reverse (die state 2). The coin sheds new light on

striking sequences and die marriages within the series. This is the first new variety of Fugios since Mike Ringo reported the Newman 10-OO in 1988. (Thomas Serfass)

481 WILLIAMS, RAY. Undertypes on New Jersey Coppers. *PW* Vol. 28 No. 3 (May 15, 1994) p. 138.

Information gathered at the second NJ Copper Symposium on error coins and undertypes is presented. The under-type coins are listed along with the various Maris variety numbers of the coppers struck over them. (Thomas Serfass)

For additional references to the numismatics of the United States, see the following abstracts:

Tokens and Jetons, Nos. 619, 621.

MEXICO, CENTRAL AND SOUTH AMERICA

482 CHAVARRIA, MARTIN P. El Colon, Una Sola Moneda para America. *Cuadernos de Numismática* (Buenos Aires) Vol. 21 No. 91 (March 1994) pp. 21-23. (Reprint from *La Prensa*, Nov. 10, 1940)

Monetary disorders in Argentina led to a proposal of 1879 for all American nations to have a common monetary unit based on the "Colon," a silver coin 0.9 fine and weighing 25 grams. (Horace P. Flatt)

483 DYM, K.A. Las acuñaciones potosinas de 1725 a 1727 y las emisiones limeñas de 1725. *Cuadernos de Numismática y Ciencias Historicas* Vol. 19 No. 81 (Buenos Aires, April 1992) pp. 106 illus.

Potosi coinage was issued in the name of King Luis I during three years, 1725, 1726, and 1727; the Lima mint did likewise in 1725 only and used the name Ludovicus. From an extensive study of collections and leading Spanish publications would appear that at that time the two mints did not strike any coins in the name of Philip V. Although several catalogues do list coins of Philip V from Potosí and Lima for the same years as Luis I, a review of their referred literature demonstrates repeated illustrations of coins struck in the name of Luis and none has, as yet, been encountered of Philip V. Coinage of these mints and years can therefore not be attributed to Philip V, unless specimens with distinctive dates and correspondent legend are shown. (Luis I succeeded his abdicated father in January 1724, but died in August of the same year; Philip V then reassumed the throne and ruled until his death in 1746.) (Author)

- 484** FLATT, HORACE P. Six Months in the Lima Mint. *NI* 28 No. 7 (July 1993) pp. 160-62.

Activity at the Lima mint between July 1838 and January 1839 is discussed.

(Joseph Uphoff)

- 485** FLATT, HORACE P. The Pasco Mint and Some Counterfeit Coins. *NI* 29 No. 4 (April 1994) pp. 78-88 illus.

- 486** FLATT, HORACE P. Peruvian Bronze Centavos of 1864. *NI* 29 No. 5 (May 1994) pp. 109-11 illus.

- 487** GRAAF, C. DE. "Plugged, cut and countermarked." *Bewerkte munten uit het Caraïbisch gebied in het Koninklijk Penningkabinet. Beeldenaar* 16 (1992) pp. 89-93.

Survey of the collection of "plugged, cut and countermarked" coins from the West-Indies in the Royal Coin Cabinet (Leiden).

(Arent Pol)

- 488** GUASTAVINO, JUAN ESTEVAN. De la vida colonial del Plata. La primera moneda argentina. *Cuadernos de Numismática* (Buenos Aires) Vol. 21 No. 91 (March 1994) pp. 2-11. (Reprint from *La Prensa*, July 1, 1932)

The lack of coins in the area of the Río de la Plata in the sixteenth century forced the use of other means of exchange. This article discusses the many alternatives adopted for use in Buenos Aires and Asunción.

(Horace P. Flatt)

- 489** LUEDEKING, ALAN. The 1/24 and 1/12th Dime Mercado De León Coins of León, Nicaragua. *NI* 28 No. 9 (Sept. 1993) pp. 214-17 illus.

- 490** MENZEL, SEWARD. Las Macquinas de Oro "Estrella de Lima" 1659-1660. *Cuadernos de Numismática* (Buenos Aires) Vol. 21 No. 91 (March 1994) pp. 13-19.

This article describes the background of the production of coins in Lima in 1659-1660, including gold "cobs" of one and eight escudos. The recent discoveries of documentation in Lima and an example of the eight escudo in Spain confirm long-held beliefs that such gold coins were made.

(Horace P. Flatt)

- 491** MITCHELL, OSVALDO. El Doblón Paraguayo de 1867. *Cuadernos de Numismática* (Buenos Aires) Vol. 21 No. 91 (March 1994) pp. 57-60.

This article describes two gold coins of Paraguay dated 1867 having a value of 4 pesos. The author concludes that the one designed by the French engraver Bouvet is a proof coin and that designed by the American engraver Charles is a presentation coin.

(Horace P. Flatt)

492 PUSINERI SCALA, C.A. Antecedentes de la moneda de Indias. *GacNum* 113 (1994) pp. 51-57.

MEDALS AND DECORATIONS

493 AJMAR, MARTA and CATHERINE SHEFFIELD. The Miraculous Medal: an immaculate conception or not. *The Medal* 24 (Spring 1994) pp. 37-51 illus.

The production and iconography of the Miraculous Medal, one of the most successful Catholic items produced in the nineteenth century, are discussed. The medal originated after Catherine Labouré, a French Sister of Charity, had a vision of the Virgin in 1830.

(E.M. Besly)

494 AVERY, CHARLES. Medals and bronzes for milords: Soldani, Selvi and the English. *The Medal* 24 (Spring 1994) pp. 10-20 illus.

Portrait medals and other commissions for Englishmen by the Italian medallists Massimiliano Soldani-Benzi (1658-1740) and Antonio Selvi (1679-1753) are illustrated and discussed.

(E.M. Besly)

495 BAJCUROVÁ, KATARÍNA. Metaphor and memories: the medals of Marián Polonský. *The Medal* 24 (Spring 1994) pp. 92-97 illus.

496 BELOHRADSKÁ, L'UBA. The Third International Quadrennial of Medals, Kremnica 1993. *The Medal* 24 (Spring 1994) pp. 98-106 illus.

497 BLOCK, DAVID. Napoleonic Medals: The Russian Campaign. *NI* 27 No. 12 (Dec. 1992) pp. 250-55 illus.

498 BLOCK, DAVID. Napoleonic Medals: Medal Mint Visits. *NI* 28 No. 9 (Sept. 1993) pp. 203-13 illus.

Medals commemorating visits by foreign royalty to the medal mint in Paris are discussed and illustrated.

(Joseph Uphoff)

499 BLOCK, DAVID. Napoleonic Medals: The Hundred Days. *NI* 28 No. 12 (Dec. 1993) pp. 273-80 illus.

500 BOURNE, MARCY LEAVITT. Sculptors who make medals. *The Medal* 24 (Spring 1994) pp. 59-71 illus.

A review of some opinions expressed by contemporary sculptors on the question "how do artists who are primarily sculptors view their work in the medallic medium?"
(E.M. Besly)

501 BOURNE, MARCY LEAVITT. Medal making at St. Martin's. *The Medal* 25 (Autumn 1994) pp. 98-104 illus.

A project initiated by the British Art Medal Society at Central St. Martin's College of Art and Design, London, is described. It was designed to promote interest in medallic art among young British artists. Eight of the medals produced are illustrated and discussed.
(E.M. Besly)

502 BUCHET, ARSÈNE. Georges André Brunet. *The Medal* 25 (Autumn 1994) pp. 76-77 illus.

The medals of Brunet (1902-86) are described.
(E.M. Besly)

503 CASAS PLA, J. El Salón de la Expoquimia en la medalla. *GacNum* 113 (1994) pp. 59-68.

504 CHIKÁN, BÁLINT. Medals from Szentendre. *The Medal* 25 (Autumn 1994) pp. 82-91 illus.

505 CROOK, LINDA. Figures in a landscape. *The Medal* 25 (Autumn 1994) pp. 92-97 illus.

The artist describes her work.
(E.M. Besly)

506 CUHAJ, GEORGE S. Chester Y. Martin, painter and sculptor. *The Medal* 24 (Spring 1994) pp. 72-75 illus.

The career and work of this contemporary American medallist are reviewed.
(E.M. Besly)

507 DESNIER, JEAN-LUC. Henri IV et le traité franco-helvétique de 1602. *The Medal* 25 (Autumn 1994) pp. 15-19 illus.

The medal made to commemorate the alliance treaty between France and Switzerland (ratified on 31 January 1602) is discussed.
(E.M. Besly)

508 DUCHAMP, MICHEL. Quand la numismatique conforte la glyptique.... *The Medal* 24 (Spring 1994) pp. 27-36 illus.

An unpublished cameo portrait of Archduke Charles of the house of Habsburg (1771-1847) engraved by Giuseppe Girometti has been identified by reference to the decorations worn by the subject, and the significant omission of another, the Order of the Golden Fleece. The author expresses the view that the cameo was commissioned by the archduke's brother Ferdinand III to commemorate Charles' appointment as Grand Master of the Teutonic Order in 1801. (Author)

509 DUTTON, RON. Medal makers of the Royal College of Art. *The Medal* 24 (Spring 1994) pp. 109-13 illus.

The author reviews the progress of the medal design project sponsored by the British Royal Mint at the Royal College of Art. (E.M. Besly)

510 EEKELS-WIEGEL, A.M. Marianne Letterie. Haar werk en de jubileumpenning van het Genootschap. *Beeldenaar* 15 (1991) pp. 418-23.

The author discusses some of the medals by Marianne Letterie. (Arent Pol)

511 ELIËNS, T.M. De iconografie van de 19e-eeuwse prijspenning. *Beeldenaar* 15 (1991) pp. 425-31.

Iconographic aspects of 19th-century prize medals are discussed. (Arent Pol)

512 FINALDI, GABRIELE, Giulio de Grazia, medallist to the Spanish viceroys of Naples. *The Medal* 24 (Spring 1994) pp. 309 illus.

A group of medals which commemorate four of the Spanish viceroys of Naples who held office between 1618 and 1630 is here firmly attributed to the all but forgotten sculptor-modeller Giulio de Grazia (active 1610-1634). Recently-discovered documents throw light on the artist's professional and personal connections and highlight the great esteem in which he was held by contemporaries in Naples, Florence, and Sicily. The documents also make reference to works by de Grazia which remain to be discovered. (Author)

513 GIOVANNONI, GIANNINO and PAOLA GIOVETTI. *Medaglisti nell'età di Mantegna e il Trionfo di Cesare.* Mantova, Provincia di Mantova, Casa del Mantegna 1992. 106 pp. illus.

The various chapters of this work discuss the history of the medallic renaissance at Mantua and the iconographic relationships between the Triumph of Caesar of Mantegna and the production of the more famous medallists who worked in the city (Sperandio, Pisanello, etc.). (Andrea Carignani)

514 GOSZTONYI, JÓZSEF. Borsos Miklós ermei [The medals of Miklós Borsos]. *AzÉrem* 1993/2 pp. 41-42.

The last medals of Miklós Borsos, recently deceased, are introduced by the author. (Melinda Torbágyi)

515 *Gotteswort und Menschenbild, Werke von Lucas Cranach und seinen Zeitgenossen*. Exhibition Catalog, Gotha Schloßmuseum and the Gotha Forschungs- and Landesbibliothek. Gotha 1994. 225 pp., 61 pp. illus.

The second part of this exhibition catalog includes a presentation of the history of the medal and plaque collection of the Gotha coin cabinet, and a complete catalog of 55 Renaissance medals and plaquettes, and 26 coins and medals collected by the Elector Frederick the Wise of Saxony. (Paul Arnold)

516 HEER, A.R.E. DE. Constantijn Huygens en de penningkunst. *Jaarboek voor Munt- en Penningkunde* 80 (1993) pp. 271-88.

A silver portrait medal depicting Constantine Huygens is attributed to the Antwerp goldsmith Theodoor de Rasier, ca. 1641. Huygens (who was a poet, diplomat, and secretary to three princes of Orange) also was active as a designer, maker, and collector of medals. A treatise written in 1629 about the art of casting medals is given in transcription. (Arent Pol)

517 HEUVEN-VAN NES, E. and W. STEURBAUT. Oranje op de penning. Interview met dr A.J. Bemolt van Loghum Slaterus, naar aanleiding van een tentoonstelling in Rijksmuseum Paleis Het Loo. *Beeldenaar* 16 (1992) pp. 2-9.

Interview with the Nestor of Dutch medal collectors, specializing in medals of the House of Orange. (Arent Pol)

518 HORVITZ, PETER S. St. Brendan, Ireland's Own Columbus. *NI* 27 No. 10 (Oct. 1992) pp. 212-13 illus.

A medal issued by the U.S. Circle of Friends of the Medallion commemorating St. Brendan's voyage is discussed and illustrated. (Joseph Uphoff)

519 HORVITZ, PETER S. Alexandru Ion Cuza, First Prince of Romania. *NI* 28 No. 9 (Sept. 1993) pp. 200-202 illus.

520 HORVITZ, PETER S. The Battle of Santander, 1937. *NI* 29 No. 4 (April 1994) pp. 87-88 illus.

A medal commemorating the Spanish Nationalist victory here in 1937 is discussed and illustrated. (Joseph Uphoff)

- 521** HORVITZ, PETER S. The First King of France. *NI* 29 No. 6 (June 1994) pp. 140-41 illus.

A medal issued to honor Pharamund, the legendary first Frankish king, is discussed and illustrated. *(Joseph Uphoff)*

- 522** HUVELIN, H. Historique des médailles frappées ou projetées pour la Compagnie des Indes. *RN* 6th ser. 34 (1992) pp. 183-200 illus.

In 1733, the gentlemen of the Compagnie des Indes, on the occasion of the setting of the first stone of the new warehouse that they were building in the enclosure of the port of the Orient, commissioned a commemorative medal which up to now was wrongly attributed to the creation of the city. This medal revived and expanded the legend of that issued in 1719/20 to celebrate, in the medallic series of the reign of Louis the Great, the foundation in 1664 of the Compagnie des Indes. When in 1749 Louis XV made the decision to commemorate the history of his reign in medals, the re-establishment of the Compagnie des Indes in 1719 figured among the subjects which were approved. But the project was not finished and the medal doubtless does not survive. Some years before, through the agency of Gros de Boze the gentlemen of the Compagnie charged Marteau with the engraving and Bouchardon with the design to perpetuate the memory of an important reshuffling of their Council in 1747. At least nine silver examples were struck of which none appears to have survived. The coat of arms of the Compagnie des Indes appeared at the same time on a gold medal from a small series which commemorates the success of Dupleix in the Carnatic and the Deccan in 1750. *(Author)*

- 523** JEZZARD, ANDREW. George Frampton, art worker/medallist. *The Medal* 24 (Spring 1994) pp. 52-58 illus.

Smaller scale works of the British sculptor George Frampton (1860-1928) are discussed. *(E.M. Besly)*

- 524** JINTES, L.F. and J.T. POL-TYSZKIEWICZ. *Chris van der Hoef, 1875-1933*. Assen 1994. 264 pp. illus.

This is a lavishly illustrated study of the work of Chris van der Hoef, who was mainly a designer of ceramics and medals. A thorough discussion of his objects of applied arts and his styles (Art Nouveau and Art Deco) is followed by a chapter on his medals. Most of them are characterized by strong stylization of images and texts, resulting in beautiful and powerful designs. An exhaustive catalogue (200 items) completes the book. *(Arent Pol)*

- 525** JONES, MARK. Medals as money. *RIN* 95 (1993) pp. 633-40.

- 526** KASZEWSKI, CEZARY. Jerzy Jarnuszkiewics at seventy-five. *The Medal* 24 (Spring 1994) pp. 76-81 illus.

This Polish medallist's career and work are reviewed.

(E.M. Besly)

527 KONING, A.J. DE. Alkmaar op de penning. *Geld in Alkmaar. Opstellen over geld en penningen in relatie tot Alkmaar*. M.L. Pop-Jansen, C. Streefkerk ed. Alkmaar 1993 (=Oud Alkmaar 17.4) pp. 75-111.

Medals from the 16th-20th centuries related to the town or (former) citizens of Alkmaar are presented.

(Arent Pol)

528 KONING, H. DE. Een Nederlandse penning van de British Art Medal Society. *Beeldenaar* 15 (1991) pp. 478-79.

A medal by Geer Steyn in honor of the numismatist Gay van der Meer is presented.

(Arent Pol)

529 KÓTAI, JÓZSEF. Gondolatok a soproni érembiennálék kapcsán [Thoughts on the biennial Soproner Medal]. *NK* Vol. 92-93 (1993-94) pp. 15-25. Bilingual Hungarian/German.

The article gives a short survey and appreciation on the contemporary Hungarian medallic art.

(Melinda Torbágyi)

530 KOVÁCS S., TIBOR. Osztrák-magyar rohamcsapat jelvények [Military insignia of the Austro-Hungarian monarchy]. *NK* Vol. 92-93 (1993-94) pp. 89-100. German summary.

531 KREEK, M. DE. 'Uit de werkplaats van Hans Reinhart de oude.' Een zestiende eeuwse medaille in de Maastrichtse Onze-Lieve-Vrouwebasiliek. *Magister artium. Onderwijs, kerk en kunst in Limburg*. Sittard 1991 pp. 91-107.

A new specimen of the 1537 medal by Reinhart on the sacrifice of Abraham and the crucifixion of Christ is studied.

(Arent Pol)

532 *Die Kunstmedaille der Gegenwart in Deutschland 1991-93*. Mit Nachträgen seit 1988. Berlin 1994. 156 pp. illus.

This is a continuation of the catalogue of medals from 1988-91 published in 1992.

(Paul Arnold)

533 L. KOVÁSZNAI, VIKTÓRIA. Három portré avagy a jelenkori magyar éremművészet vonulatai [Three portraits or tendencies in contemporary Hungarian medallic art]. *NK* Vol. 92-93 (1993-94) pp. 5-12. Bilingual Hungarian/German.

The author analyses the contemporary medal art in Hungary on the basis of the works of three medallists, L. Cséri, Gy. Kiss, and T. Budahelyi. (*Melinda Torbágyi*)

534 LENTZ, LAMAR. Abraham Ortelius and medallic art. *The Medal* 25 (Autumn 1994) pp. 6-14 illus.

The celebrated sixteenth-century cartographer, Abraham Ortelius (1527-1598) was also one of the most influential students and collectors of coins and medals of his age. His publications and correspondence relating to this field are discussed.

(*E.M. Besly*)

535 LETTERIE, F. Verenigingspenning 1990-I: Getrapt blok. *Beeldenaar* 15 (1991) pp. 268-70.

The 1990-I issue of the Dutch Art Medal Society (by Niko de Wit) is presented.

(*Arent Pol*)

536 LETTERIE, F. 'Vrouw in raam.' Verenigingspenning 1991. *Beeldenaar* 16 (1992) pp. 28-29.

The new medal by F. Bemelmans of the Dutch Art Medal Society is presented.

(*Arent Pol*)

537 MAJEWSKI, ARTHUR. Warsaw Uprising of 1944. *NI* 29 No. 5 (May 1994) pp. 113-14 illus.

The medal described commemorates the 50th anniversary of the uprising.

(*Joseph Uphoff*)

538 MEER, G. VAN DER. Spotpenningen. *Beeldenaar* 15 (1991) pp. 350-55.

The author surveys the phenomenon of the "satirical medal."

(*Arent Pol*)

539 MESHORER, Y. Coins and Politics. *Israel Museum Journal* Vol. 12 (Summer 1994) pp. 79-82 illus.

Various medals were struck to commemorate the visit of Kaiser William II of Germany to Palestine in 1898. They are discussed and illustrated in the context of alleged political implications of the visit.

(*Arnold Spaer*)

540 MILLON, H. and V. MAGNANO LAMPUGNANI, ed. *Rinascimento. Da Bruenelleschi a Michelangelo. La rappresentazione dell'Architettura*. Catalogo della Mostra, Venezia Palazzo Grassi. Milan, Bompiani 1994.

In this exhibit catalogue, dedicated to the representation of Renaissance architecture, are reproduced many medals of the 15th and 16th centuries which portray major buildings.
(*Andrea Carignani*)

541 MIRNIK, IVAN. The medals of Count Schulenburg. *The Medal* 24 (Spring 1994) pp. 21-26 illus.

Medals relating to Johann Matthias Reichsgraf von der Schulenburg (1661-1741), fieldmarshal of the Republic of Venice, are described.
(*E.M. Besly*)

542 MIRNIK, IVAN. Livio Odescalchi on medals. *The Medal* 25 (Autumn 1994) pp. 50-55 illus.

Medals depicting Livio I Odescalchi (1652-1713) are described and illustrated.
(*E.M. Besly*)

543 MODESTI, ADOLFO. Il medaglione in oro dell'immacolata concezione. *The Medal* 25 (Autumn 1994) pp. 68-72 illus.

A large gold medal commemorating the proclamation in 1854 of the dogma of the Immaculate Conception is published. The medal, probably commissioned by Cardinal Wiseman, was the work of the French goldsmith Antoine Vechte, and was produced in 1864 by Hunt & Roskell.
(*Author*)

544 MULLALY, TERENCE. The medals of Pope John Paul II. *The Medal* 24 (Spring 1994) pp. 107-8 illus.

545 MULLALY, TERENCE. The triumph of the modern Hungarian medal. *The Medal* 24 (Spring 1994) pp. 82-91 illus.

The preeminence of Hungary in modern medallic art is reviewed.
(*E.M. Besly*)

546 MULLALY, TERENCE. FIDEM XXIV: a turning point for the medal. *The Medal* 25 (Autumn 1994) pp. 105-20 illus.

The 24th congress of the Fédération Internationale de la Médaille, held in Budapest, is reviewed.
(*E.M. Besly*)

547 MUNNIG SCHMIDT, E. Een zilveren huwelijkspenning op Nieuwerhoek. *Jaarboekje Oudheidkundig Genootschap 'Niftarlake'* 1991 pp. 38-48.

Biographical details of a couple whose names appear on an inscribed medal commemorating their 25 years of marriage in 1707 are described in this article.
(*Arent Pol*)

548 MUSSINI, NULLO. Una reliquia garibaldina. *Cuadernos de Numismática* (Buenos Aires) Vol. 21 No. 91 (March 1994) p. 47. (Reprint from *Italia Numismática* Vol. 1 No. 5, May 5, 1950)

This is a companion article to J.M. Fernández Saldaña, *El Escudo a Los Vencedores de San Antonio*, below. The rarity of the medal is noted. (Horace P. Flatt)

549 NEUVEN-VAN NES, E. VAN. Treur-medaille op het zoo smertelyk afsterven van den Doorlugtigsten Prince Willem IV op 22 oktober 1751. *Beeldenaar* 15 (1991) pp. 278-79.

A unique striking in gold of a medal by Holtzhey, known only in silver to date, on the death of prince William IV is presented. (Arent Pol)

550 P. BOROS, ILONA. Herceg Esterházy Pál Antal / 1786-1866/ részére adományozott rendjelek [Medals awarded to the sovereign Paul Anton Esterházy]. *NK* Vol. 92-93 (1993-94) pp. 83-88. German summary.

551 PICKUP, DAVID. The Inner Temple War Medal. *The Medal* 25 (Autumn 1994) pp. 73-75 illus.

The medal by Ernest Gillick, commemorating members of the Inner Temple (lawyers) who served in the Great War of 1914-18, is discussed. (E.M. Besly)

552 POP, J.J.H. De Alkmaarse vroedschapspenning. *Geld in Alkmaar. Opstellen over geld en penningen in relatie tot Alkmaar*. M.L. Pop-Jansen, C. Streefkerk, ed. Alkmaar 1993 (=Oud Alkmaar 17.4) pp. 113-20.

Old and new medals of the municipality of Alkmaar are discussed. (Arent Pol)

553 REMMEN, C. VAN. *De Haagse buurtverenigingen in de 17e en 18e eeuw en hun presentiepenningen*. Den Haag 1992.

Catalogue of town district medals of The Hague. These medals were used as a means of convening householders to funerals and other communal obligations.

(Arent Pol)

554 R. NÁNÁSI, ÉVA. Az 1989, 1992. évi jubileumi érmék gipsztervei [The plaster casts of the jubilee medals of 1989 and 1992]. *NK* Vol. 92-93 (1993-94) pp. 101-7.

The author publishes the plaster casts of the coins issued on the jubilees of Charles Robert, King of Hungary (1308-42), Ladislaus I (1077-95), and on the Winter Olympic Games in Albertville in 1992. (Melinda Torbágyi)

555 ROGERS, D.J. DE S. A Christmas box by Allen and Moore. *The Medal* 25 (Autumn 1994) pp. 59-60 illus.

A box medal containing four gilt-brass counters, produced between 1843 and 1854, is described. (E.M. Besly)

556 SALDAÑA, J.M. FERNÁNDEZ. Una condecoración instituida por el 'Presidente' Oribe. *Cuadernos de Numismática* (Buenos Aires) Vol. 21 No. 91 (March 1994) pp. 29-38. (Reprint from *La Prensa*, Aug. 15, 1937)

A photograph and the historical background of a rare medal presented in 1851 by General Manuel Oribe, President of Uruguay, is given. (Horace P. Flatt)

557 SALDAÑA, J.M. FERNÁNDEZ. El escudo a los vencedores de San Antonio. *Cuadernos de Numismática* (Buenos Aires) Vol. 21 No. 91 (March 1994) pp. 39-45. (Reprint from *La Prensa*, Oct. 2, 1938)

This article discusses the historical background of a Uruguayan medal commemorating the victory at San Antonio near Salto in February 1846. This battle involved the Italian legion of Giuseppe Garibaldi. (Horace P. Flatt)

558 SCHARLOO, M. De factor tijd. Het 50-jarig huwelijk van Johan van Ceulen en Maria Anna de Barry. *Beeldenaar* 15 (1991) pp. 328-32.

A unique engraved gold medal on a 50th wedding anniversary in 1748 is discussed. The medal shows a pillar and to this symbol of Endurance other parallels are presented. (Arent Pol)

559 SCHARLOO, M. Erepensing van de gemeente Mierlo. *Beeldenaar* 15 (1991) pp. 382-84.

The new official medal for the municipality of Mierlo is presented. (Arent Pol)

560 SOLTÉSZ, FERENC. II. János Pál pápa magyarországi látogatásának érmei. I. rész [The medals commemorating the visit of Pope John Paul II. Part 1]. *AzÉrem* 1993/2 pp. 43-48.

561 SOLTÉSZ, FERENC. II. János Pál pápa magyarországi látogatásának érmei. II. rész [The medals commemorating the visit of Pope John Paul II. Part 2]. *AzÉrem* 1994/1 pp. 36-48.

562 SOUDIJN, K. Niel Steenberg 80 jaar. *Beeldenaar* 15 (1991) pp. 396-98.

The author comments on the medals of 80-year-old Steenberg. (Arent Pol)

563 SPITZEN, W. Steenwijkse munten en penningen. *Historische Mededelingen. Officieel Orgaan van de Historische Vereniging Steenwijk en Omstreken* 5 (1988) pp. 115-24.

A small number of 16th-20th century medals related to the city of Steenwijk are presented. (Arent Pol)

564 STEYN, G. Het woord op afstand. Een penning van Joop Hollanders. *Beeldenaar* 15 (1991) pp. 472-73.

A new medal is presented. (Arent Pol)

565 STONE, ALAN N. Pisanus Pictor: a self-portrait medal? *The Medal* 25 (Autumn 1994) pp. 3-5 illus.

It is suggested that a portrait medal of Pisanello, hitherto attributed to Marescotti, is a work of Pisanello himself, and thus the first medallic self-portrait. (E.M. Besly)

566 SYSON, LUKE. Medaglie. J. Ryckwert and A. Engel, ed., *Leon Battista Alberti. Catalogo della Mostra, Mantua, Palazzo Té. Milan, Electa* 1994 pp. 474-89 illus.

Various medals, including works of Pisanello, Matteo de'Pasti, and several other artists of the 15th century appear in this catalogue. (Andrea Carignani)

567 SYSON, LUKE. Alberti e la ritrattistica. J. Ryckwert and A. Engel, ed., *Leon Battista Alberti. Catalogo della Mostra, Mantua, Palazzo Té. Milan, Electa* 1994 pp. 474-89 illus.

The artist's approach to portraiture is defined through an examination of medals, plaquettes, and paintings. (Andrea Carignani)

568 TALVIO, TUUKKA. The medals and drawings of F.P. Tolstoy. *Designs on Posterity. Drawings for Medals* (M. Jones, ed. Ringwood, British Art Medal Trust 1994) pp. 126-30 illus.

Tolstoy's best-known work is a series of twenty medals which commemorate the events of the Napoleonic war. The drawings, wax models, and the engraving of the series are discussed. (Author)

569 TAZEDAKIS, PANOS N. *The Order of the Redeemer, anatomy and pathology of the insignia of the Greek Order of the Redeemer. Bibliotheca of the Hellenic Numismatic Society* 1994. 144 pages illus. Separate Greek and English editions. ISBN 960-85522-1-4.

Scientifically arranged, the characteristics, dimensions, weights, attachment rings, varieties, ribbons, miniatures, marks, boxes, manufacturers, errors and forgeries of this, the oldest and most prestigious of the Greek orders, are examined. At the same time the long history of the Order, from 1829 to the present day, is given in successive chapters. Of special interest is the section on terminology, clearly illustrated, and the table of details from which any insignia can easily be identified.

(Anastasios P. Tzamalīs)

570 TETRI, JUHA E. Kunniamerkkikirja [A book on orders and decorations]. Helsinki, Ajatus 1994. 217 pp. illus. English summary.

The orders and decorations of Finland are presented and illustrated, and a short presentation is also given of the orders of other countries.

(T. Talvio)

571 TILANUS, L. Vorm en ruimte in de Nederlandse penningkunst. *Beeldenaar* 15 (1991) pp. 457-64.

The author discusses aspects like shape and space in modern Dutch medals.

(Arent Pol)

572 TUCKER, JOSEPH L. Jacques Wiener: an update. *The Medal* 25 (Autumn 1994) pp. 61-67 illus.

The architectural medals of this nineteenth-century Belgian medallist are discussed.

(E.M. Besly)

573 VEEN, B.J. VAN DER. Devotiepenningen. De collectie van een beziëld verzamelaar. *Beeldenaar* 16 (1992) pp. 79-85.

A collection of religious medals was acquired by the Royal Coin Cabinet.

(Arent Pol)

574 VEILLON, MARIE. L'art de la devise sous le règne de Louis XIV. *The Medal* 25 (Autumn 1994) pp. 20-49 illus.

The article traces the popularity and calculated use of devices on jetons (counters originally used for casting accounts) during the reign of Louis XIV to enhance his reputation.

(E.M. Besly)

575 WITTOP KONING, D.A. De brandweerpennig van Schoonhoven. *Beeldenaar* 15 (1991) p. 356.

An identification medal for members of the fire brigade of Schoonhoven, 1729, is described.

(Arent Pol)

576 ZORICÁK, PETER. Kremnica and the Association of Slovak medallists. *The Medal* 25 (Autumn 1994) pp. 56-58 illus.

For additional references to medals, see the following abstracts:

Technology and Methodology, No. 36

Far East, No. 248

Western and Central Europe, No. 448.

PRIMITIVE MONEY

577 PARISE, NICOLA FRANCO. Forme della circolazione metallica fra tarda età del bronzo ed età geometrica nel Mediterraneo orientale. *RIN* 95 (1993) pp. 53-58.

The author attempts to define metallic circulation between the tenth and eighth centuries B.C.
(*Andrea Carignani*)

PAPER MONEY

578 ARKESTEIJN, N.L.M. De receptissen van Akmaar. *Geld in Alkmaar. Opstellen over geld en penningen in relatie tot Alkmaar.* M.L. Pop-Jansen, C. Streefkerk ed. Alkmaar 1993 (Oud Alkmaar 17.4) pp. 55-74.

Full account of the 1795 emission of local paper money in Alkmaar which could be used instead of French assignats.
(*Arent Pol*)

579 BLOCK, DAVID. Real Notgeld? *NI* 28 No. 8 (Aug. 1993) pp. 192-94 illus.

Four notes from the Dermbach section of the Rhön Club are discussed.

(*Joseph Uphoff*)

580 BLOCK, DAVID. Mühlhausen and the Peasant's War 1523-1525. *NI* 29 No. 10 (Oct. 1994) pp. 234-38 illus.

Notgeld issued Oct. 1, 1921 from Mühlhausen is discussed and illustrated.

(*Joseph Uphoff*)

581 BOEGHEIM, L.M.J. Noodgeld van Vlaardingen. *Muntkoerier* 20 No. 2 (Feb. 1991) pp. 24-25.

20th century emergency paper money of the town of Vlaardingen is discussed.

(Arent Pol)

582 BYATT, DERRICK. *Promises to Pay: The first three hundred years of Bank of England notes*. London, Spink & Son 1994. 245 pp. illus. ISBN 0-907605-50-8.

A history of the Bank of England through its first three centuries is presented, with emphasis on the banknote issues and related events. Scores of rare notes and essays are illustrated.

(Joseph E. Boling)

583 ERP, R. VAN. Valse assignaten, bankbiljetten, muntbiljetten en zilverbonnen, kortom: vals papiergeld in Nederland. De beknopte geschiedenis van papiergeldvervalsing in ons land. *Muntkoerier* 22 No. 2 (Feb. 1993) pp. 4-8.

The author surveys false paper money in the Netherlands.

(Arent Pol)

584 FISHER, JACK H. Qatar and Dubai Currency Board Notes. *IBNS* 33 No. 2 (June 1994) pp. 26-29 illus.

A single set of notes issued by the currency board in 1966 is presented, followed by brief histories of the State of Qatar and the Sheikdom of Dubai.

(Joseph E. Boling)

585 FRIEDMAN, HERBERT A. More Gulf War Propaganda Bank Notes. *IBNS* 33 No. 2 (June 1994) pp. 8-11 illus.

Newly-discovered propaganda replicas of Iraqi notes are presented, with new information about the multiple origins of these pieces (they were printed in both Turkey and Saudi Arabia) and about previously unknown operations for which leaflets were prepared. See *IBNS* 33 No. 3 p. 16 for corrigenda.

(Joseph E. Boling)

586 FRIEDMAN, HERBERT A. A New German Propaganda Bank Note from World War II. *IBNS* 33 No. 3 (Sept. 1994) p. 20 illus.

Another replica U.S. series 1934 \$10 Federal Reserve note with a German propaganda message on the back in Arabic is reported. The message is anti-semitic and is directed at the natives of Tunisia, exhorting them to join with the Germans to overthrow the British occupation of North Africa.

(Joseph E. Boling)

587 GELDER, H. E. VAN. Duits papiergeld in Nederland. *Muntkoerier* 22 No. 3 (March 1993) pp. 4-6.

German paper money used in the Netherlands during World War II.

(Arent Pol)

588 GLYNN, JOHN. Stamps used as Prisoner-of-War Tokens. *IBNS* 33 No. 3 (Sept. 1994) pp. 21-22 illus.

World War I P.O.W. currency tokens resembling postage stamps, issued by the II Bavarian Army Corps and the X Army Corps for use in their camps, are described and illustrated. *(Joseph E. Boling)*

589 GONCHARUK, WILLIAM D. Ration Coupons or Ruble Support Coupons: Which is Correct? *IBNS* 33 No. 3 (Sept. 1994) pp. 17-19 illus.

Ukrainian coupons appearing to be ration items are shown to be a currency control tool used by the newly independent states of the former U.S.S.R. to restrain the purchase of local goods by non-local speculators. The pieces are known as ruble support coupons and must be presented with the currency being used for a purchase. Only local residents are issued the coupons, thus restricting access to goods by non-residents. *(Joseph E. Boling)*

590 GRANT, GEOFFREY L. Those Treasury Notes. *IBNS* 33 No. 2 (June 1994) pp. 30-31.

The background to the issuance of the emergency treasury notes in Britain during World War I is explored, including the discussions among the Bank of England and the other joint stock banks who had a hand in supporting the issue. *(Joseph E. Boling)*

591 GROLLE, J.J. *Geschiedenis van het Nederlandse bankbiljet*. Bussum 1991.

A full history of paper money issued by the Dutch National Bank is provided. *(Arent Pol)*

592 GULLINO, SERGIO et al. *Catalogo Unificato della Carta-Moneta Italiana*. Turin, Alfa 2 s.r.l. 1994. 80 pp. illus.

Detailed listings of every emission date of national *Buoni di Cassa* and *Biglietti di Stato*, notes of the *Banca d'Italia*, and notes of the Allied occupation of 1943 are presented, with values in three grades. *(Joseph E. Boling)*

593 HEWITT, VIRGINIA. *Beauty and the Banknote: Images of Women on Paper Money*. London, British Museum Press 1994. 64 pp. illus. ISBN 0-7141-0877-4.

The catalog for an exhibition at the British Museum celebrating the 300th anniversary of the foundation of the Bank of England, this book explores the use of females vignettes on notes. Chapters cover women's work, women as allegorical figures, and women as personifications of beauty (in body and face) to represent the issuing authorities (banks and nations). *(Joseph E. Boling)*

594 HUSSEIN, MOHAMAD. World Paper Money Depicting Bridges. *IBNS* 33 No. 2 (June 1994) pp. 12-17 illus.

The economic significance of bridges is likened to that of money and a tentative list of world notes depicting bridges is presented. (Joseph E. Boling)

595 HUSSEIN, MOHAMAD. Paper Money Depicting Common People-at-Work. *IBNS* 33 No. 3 (Sept. 1994) pp. 23-29 illus.

The concept of "work" and its relation to societal virtues is explored briefly, and almost 200 notes bearing vignettes of "common people-at-work" are listed. (Joseph E. Boling)

596 KAYNAR, BÜNYAMIN and SABAHATTIN TOPŞAHİN. *Republic Period Turkish Banknotes (1923-1994)*. Kadıköy-Istanbul, Kadıköy Nümismatik 1994. 112 pp. illus. Bilingual in Turkish and English.

Notes issued since the establishment of the Turkish Republic are presented, including color and signature varieties, with serial blocks found on each variety identified and individually valued. Security features other than watermarks (such as security threads or fluorescent inks) are not identified, but replacement note indicators and marks for the blind are identified. (Joseph E. Boling)

597 KRAUSE, CHESTER L. *Wisconsin Obsolete Bank Notes and Scrip*. Iola WI, Krause Publications 1994. 528 pp. illus.

The author presents a comprehensive reference on Wisconsin paper money, with indices covering notes by city, bank, and merchant, and four historical appendices. A scrip section also covers Territorial issues, Universal notes of state issue, and canal bonds. Over 1,000 notes including counterfeit issues are detailed. (Thomas Serfass)

598 KUPA, MIHÁLY. Kossuth Notes Issued in Exile (1850-1866). *IBNS* 33 No. 3 (Sept. 1994) pp. 30-31.

Five issues of notes and bonds are described, some of which are rare or known only as printing plates. Sheet layouts and known check letters are given for many of the pieces. (Joseph E. Boling)

599 KUPA, MIHÁLY SENIOR. *Corpus Notarum Pecuniariorum Hungariae*, Vols. 1-2. Budapest 1993.

The work includes chapters on paper money put into circulation in Hungary. 1. Paper money in Hungary within the Hapsburg Empire (1762-1918). 2. Issues of the 1848/49 war of independence and of the exile following its suppression (1848-1866). 3. First emissions of the independent Hungary (1918-1926), and the inflation notes after the World War II. (L. Pallós)

600 LAGERQVIST, LARS O. The first European banknotes: the Swedish beginning in the 1660's. *RIN* 95 (1993) pp. 669-77 illus.

The author examines the origin of the banking system in Sweden around 1660 and the subsequent introduction of bank notes. (Andrea Carignani)

601 LUCASSEN, J. *Gids van de papiergeld-verzameling van het Nederlands Economisch-Historisch Archief: catalogus van de collectie tot circa 1850*. NEHA Inventarisatie Bijzondere Collecties 5. Amsterdam 1992.

A catalogue of early paper money with many rarities in the Netherlands Economic-Historical Archive is presented. (Arent Pol)

602 MacKENZIE, KENNETH M. Albanian Rail Tickets with Turkish Currency Values: 1913. *IBNS* 33 No. 2 (June 1994) pp. 22-24 illus.

Crude tickets denominated in *para* and *grosh* are illustrated and the probable reasons for their having been previously described as siege notes are described. (Joseph E. Boling)

603 MARINOV, RUMEN. The New Bank Notes of Bulgaria. *IBNS* 33 No. 3 (Sept. 1994) pp. 31-33 illus.

Six notes issued since 1990 are described: a 50 leva issued by the People's Republic and 20 through 500 leva notes issued under the new regime. (Joseph E. Boling)

604 NAGY, ÁDÁM. Kossuth-bankók beszolgáltatása Simándon 1849 augusztusában [Discussion of Kossuth bank notes of 1849]. *NK* Vol. 92-93 (1993-94) pp. 111-121.

605 OAKES, DEAN and JOHN SCHWARTZ. *Standard Guide to Small-Size U.S. Paper Money 1928 to date*. Iola WI, Krause Publications 1994. First edition, illus.

This new guide is the successor to Chuck O'Donell's *Modern U.S. Paper Money* guide, although it is quite distinct. The introduction provides information concerning small size currency. Detailed information on serial numbers and number of notes printed are presented. High and low observed serial numbers are not included, but micro numbers and a complete listing of mules is provided. A census of all known uncut sheets of small size currency and information on novel serial number combinations and their values make up the first two appendices. (Thomas Serfass)

606 RAYMAN, JÁNOS. Adatok a szibériai hadifogolypénzekhez. Krasznaja Rjecska [Data to emergency paper money used in Siberian prisoners of war camp Krasnaya Riechka]. *AzÉrem* 1994/1 pp. 15-18.

The catalogue of Ambrus is completed with the paper emergency money bearing Japanese symbol of value used in the Krasnaya Riechka camp of war prisoners in the Great War. (Melinda Torbágyi)

607 RODGERS, K.A. Te Peeke o Aotearoa: A Cautionary Tale for Numismatic Authors. *IBNS* Vol. 33 No. 3 (Sept. 1994) pp. 8-16 illus.

The bank Te Peeke o Aotearoa, long doubted to have actually opened, is shown to have existed for about twenty years serving the Maoris in their native economy, independently of the British government of New Zealand. Seven extant one pound notes (none of which seems to have been actually issued) are described in detail.

(Joseph E. Boling)

608 SYMES, PETER. Watermarks on Modern Scottish Bank Notes. *IBNS* 33 No. 2 (June 1994) pp. 18-21 illus.

Watermarks used by nine Scottish banks of issue during the 20th century are described in detail. See *IBNS* 33 No. 3 p. 16 for corrigenda. (Joseph E. Boling)

609 TALVIO, TUUKKA. Portraits in banknote design. *Actes du XI CIN, 1991* (Louvain-la-Neuve 1993) Vol. 4 pp. 247-50 illus.

Most of the persons depicted on European banknotes before the mid-19th century were allegorical figures; portraits of ruling monarchs were relatively rare before the 20th century. An attempt is made to discuss the changing roles of the portrait on modern banknotes. (Author)

610 TITUS, MIKE. *Papermoney Dictionary: The Standard Dictionary of Syngraphics*. Forest City IA, Titus Syngraphics 1994. 60 pp.

This is a fairly comprehensive list of terms related to paper money, with many typographical errors and some errors of fact. (Joseph E. Boling)

611 UEMURA, TAKASHI. *Shihei Shō zō no Rekishi [Paper Money Vignette Histories]*. Tokyo, Tokyo Bijutsu 1994. 234 pp. illus. In Japanese. ISBN 4-8087-0543-5.

The origins of the vignettes and selected watermarks used on Japanese banknotes since 1869 are presented, plus some used earlier on hansatu. (Joseph E. Boling)

612 WITHINGTON, R. and B.R. JAMES. *The New £50 Note and Sir John Houblon*. Loughton, Essex, Debden Security Printing, Ltd. 1994. 48 pp. illus. ISBN 1-85730-057-2.

The life of Sir John Houblon, first governor of the Bank of England, is outlined, together with information about the sources of the design features of the bank's series E £50 note issued in 1994. Houblon's portrait and many details of his house and other contemporary decor are incorporated into the note's design and security features.

(Joseph E. Boling)

613 ZHANG ZHI-CHAO, ed. *Zhongguo Jindai Huobi Tujian Congsha [Pictorial of the Banknotes of Modern China]*. Changsha, Hunan, Hunan Publishing Co. 1993. In Chines. Vol. 1: Bank of China, Bank of Communications, Farmers Bank of China. 74 pp. illus. ISBN 7-5438-0681-9. Vol. 2: Central Bank of China. 119 pp. illus. ISBN 7-5438-0682-7. Vol. 3: Central Bank of China (customs gold units, Manchurian issues, gold yuan, silver yuan). 142 pp. illus. ISBN 7-5438-0683-5.

The notes of the titles of each volume are shown in original color and life size.

(Joseph E. Boling)

For additional references to paper money, see the following abstracts:
Far East, Nos. 246, 247.

TOKENS AND JETONS

614 BERRY, G., D.J. GAUNT, and R.H. THOMPSON. Two seventeenth-century token issuers: 1. Gregory Dowling of Milbrook, a token-issuer trading to America; 2. Robert Bloomer in Colman Hill, a token-issuer misplaced. *BNJ* 62 (1992) pp. 154-62 illus.

The 1668 token of Gregory DOWLING of HILBROOKE is attributed to Millbrook in Cornwall through documentary evidence. This includes his will, which Dowling made at sea when bound for Virginia. Textiles feature largely in the inventory of his warehouse. The 1666 token of Robert BLOOMER in COMANHILL is shown to belong to Halesowen parish in Worcestershire. The issuer was probably Mr. Robert Bloomer (d. 1683). An abstract of the will, and the inventory of Robert Bloomer (d. 1690), are published.

(R.H. Thompson)

615 BERTSCH, WOLFGANG. Colorful Tokens of Chile's Nitrate Industry. *NI* 28 No. 6 (June 1993) pp. 130-38 illus.

616 BERTSCH, WOLFGANG. Winery Tokens from Mendoza (Argentina). *NI* 28 No. 8 (Aug. 1993) pp. 181-88 illus.

617 DAVIS, MIKE. European Prison Tokens. *NI* 28 No. 4 (April 1993) pp. 94-95 illus.

618 HESLIP, ROBERT. Eighteenth century Ulster tokens. *BNJ* 62 (1992) pp. 163-74.

The author presents an initial survey of a series of tokens issued between 1734 and 1761 in the north of Ireland. These tokens have attracted little recent attention. The historiography and economic background are examined. Some suggestions are made as to the reasons for their production, partly based on what is known of the issuers.
(Author)

619 KOUTSOURES, JIM. An Update of the Identification of the Feuchtwanger Cents, Low 120. *PW* Vol. 28 No. 3 (May 15, 1994) pp. 144-45, 196 illus.

The author completes his photo identification manual for the varieties of Feuchtwanger tokens (Low 120) with this article. He presents the two reverse dies unavailable to him in 1981 when he initially published his work. The author's study now covers all 15 dies used for the 13 varieties of this token. A lengthy quote from Feuchtwanger on his tokens and Koutsoures updated rarity ratings for each variety of Low 120 are also included. This article is also available from the author as a free standing supplement to his booklet.
(Thomas Serfass)

620 KRANEVELD, PETER. Wellington in Lower Canada. *NI* 29 No. 7 (July 1994) pp. 149-55.

621 RULAU, RUSSELL. *Standard Catalog of United States Tokens, 1700-1900*. Iola WI, Krause Publications 1994. 824 pp. illus.

This volume updates and consolidates the contents of seven previous token works. Consolidated through a master index, the work's sections remain intact while at the same time it offers comprehensive coverage on nearly every token topic. The token valuations have also been updated. A most helpful listing of token and medal societies is included for those wishing further involvement in this area.

(Thomas Serfass)

622 WEILLER, RAYMOND. Les jetons luxembourgeois modernes. L'aspect "italien" (spécialement dans le bassin minier). *RIN* 95 (1993) pp. 653-68 illus.

Modern Luxembourg tokens, used at skittles in cafés run by immigrant Italians are described and the historical background sketched. (Author)

623 WEILLER, RAYMOND. Jetons luxembourgeois modernes. Documents socio-culturels des XIX^e-XX^e siècles. *Publications d'Histoire de l'Art et d'Archéologie de l'Université Catholique de Louvain* LXXXIV, *Numismatica Lovaniensia* 14. Louvain-la-Neuve, Séminaire de Numismatique Marcel Hoc 1994. 541 pp. illus.

About 3,000 late 19th and 20th century tokens used in Luxembourg are catalogued. A 91-page introduction provides the historical background and comments on the different categories, the principal of which is that of tokens used at skittles. For that category, items from the neighboring regions of Belgium, France and Germany have been catalogued as well. (Author)

624 ZAFFERN, JOSEPH. Alphabetical Listing of "Condor Tokens" by Cities and Towns of Great Britain. *NI* 28 No. 10 (Oct. 1993) pp. 230-32.

625 ZOMBORI, LAJOS. Ritka máramarosi bárcák [Rare tokens from a stem saw mill at Máramaros]. *AzÉrem* 1993/2 p. 39.

For additional references to tokens and jetons, see the following abstracts:
Medals and Decorations, Nos. 555, 574.

REVIEWS

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ARNOLD-BIUCCHI, CARMEN. *The Randazzo Hoard 1980 and Sicilian Chronology in the early fifth century B.C.* New York 1990. Rev. D Bérend, *RN* 6th ser. 34 (1992) pp. 251-54.

ARSLAN, E.A. *Le monete*, pp. 71-130, in D. Caporusso (ed.), *Scavi MM3. Ricerche di archeologia urbana a Milano durante la costruzione della Linea 3 della Metropolitana, 1982-1990*. Milan 1991. Rev. M.H. Crawford, *NC* 153 (1993) pp. 289-90.

ATTWOOD, P. *Artistic Circles: the medal in Britain 1880-1918*. London 1992. Rev. T. Mullaly, *BNJ* 62 (1992) p. 230.

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BAR, M. *Monnaies grecques et assimilées trouvées en Belgique*. Brussels 1991. Rev. John Casey, *NC* 153 (1993) pp. 290-92.

BERGER, FRANK. *Die antiken Goldmünzen im Kestner-Museum Hannover, Sammlungskatalog 9*. Hannover 1991. Rev. M. Amandry, *RN* 6th ser. 34 (1992) pp. 258-59.

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BESLY, E. *Coins and Medals of the English Civil War*. London 1990. Rev. N.J. Mayhew, *BNJ* 62 (1992) p. 229.

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BIAGI, E. Le preziose patine dei sesterzi di Roma Imperiale/The Superb Patinas of the Sestertii of Imperial Rome. Ivrea 1992. Rev. A. Walker, *SM* 44 Vol. 173 (1994) pp. 34-36.

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BRUUN, PATRICK M. Die spätrömische Münze als Gegenstand der Thesaurierung. Berlin 1987. Rev. D. Nony, *RN* 6th ser. 34 (1992) pp. 261-62.

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Greek, Nos. 42, 49, 53, 64, 81, 83, 96, 97, 98, 102, 111, 122, 193

Roman, Nos. 97, 129, 145, 146, 157, 168, 172, 175, 184, 185, 187, 188, 191, 193

Byzantine, Nos. 207, 212, 213

Near and Middle East, Nos. 222, 229, 230

Great Britain and Ireland, Nos. 274, 275, 276, 277, 278, 281, 293, 300

Western and Central Europe, Nos. 222, 335, 352, 353, 354, 358, 366, 376, 378, 380, 382, 385, 406, 412, 428, 434

Eastern Europe and the Balkans, No. 457.

SUBJECT INDEX

The references in this index are derived from the abstracts, and should not be regarded as an index of the original publications. Citations are to abstract numbers. The following abbreviations are used: cent. for century, num. for numismatic, coll. for collection.

- | | |
|------------------------------------|-------------------------------------|
| Abbasid coinage 222, 230 | Bar Kochba 43 |
| Abdul Hamid II 228 | Belgium 338 |
| Achulla, Africa (ancient) 125 | Bellinzona, mint of 332 |
| Aegae 80 | Berghian coinage 362 |
| Aeolis 80 | Bertoli, Gian Domenico 344 |
| aes signatum 131 | Borneo 272 |
| Africa, ancient 125 | Borsos, Miklós 514 |
| Agrigentum, Sicily 69 | Bosnia - coinage 451, 452, 457 |
| Albania - paper money 602 | Brettium - coinage 106, 118 |
| Alberti, Leon Battista 567 | Brunet, Georges André 502 |
| Alexander Jannaeus 112 | Bulgaria - paper money 603 |
| Alexander the Great 53, 96 | Buthrotum - coinage 85 |
| Alexandria 144 | Buwayhide 222 |
| Alfonso II of Italy 315 | Byzantine - coinage 23, 202, 203, |
| Almohad coinage 227 | 204, 207, 208, 210, 211, 212, |
| Almora, India 261 | 214, 215, 216, 217, 218, 220, |
| America - discovery of 5; uniform | 221; coll. 218, 219; forgeries |
| coinage 482 | 203; hoards 207, 212, 213; |
| Anastasius I 170 | signet ring 206; weights 205 |
| Annam 253 | |
| Antiochus II 80 | Carolingian coinage 410, 412 |
| Antoninus Pius 153 | Carthage 40, 42 |
| Argentina - coinage 5, 488; | Castellani, Augusto 26 |
| tokens 616 | Catalonia, Spain 337 |
| Asia Minor - coinage 84 | Caulonia 99 |
| Audumbara coinage 260 | Celtic coinage 49, 65, 82, 94, 105, |
| Austria 383 | 111, 119, 124, 164 |
| Azara, José Nicolàs de 7 | Charles I, king of England 297 |
| | Charles VI, king of France 311 |
| Bactria 62 | Charles VII, king of France 311 |
| Baltic regions 339, 340, 341, 342, | Chile - tokens 615 |
| 428 | |

- China - coinage 232, 236, 238,
243, 244, 245, 246, 247, 248,
249, 252, 256, 257; forgeries
240; hoards 234; mints 254,
255, 258; num. literature 250,
251; paper money 239, 613;
tokens 235
- Cnut, king of England, Denmark
and Norway 288, 296
- computers, use of 31, 32, 39
- congiaria 174
- Constantine I (the Great) 151
- Constantine III 221
- Cos, Greece 81
- counterstamps 13
- Croatia - coinage 450, 455, 456
- Croton, Italy 92, 116, 117
- Dacia - coinage 23, 61, 127; coin
finds 141, 148, 175, 178, 186,
193
- Dalmatia, Greek coins in 71
- Damme, Pieter van 10
- Denmark - coinage 30, 306, 307,
309, 316, 348, 379; hoards
379, 380
- Dirks, Jacob 12
- Dubai - paper money 584
- Dobunni - coinage 119
- Dutch West Indies 487
- Dyrrhachium - coinage 109, 127
- Ebusus, Spain 56
- Egypt - coin weights 223
- Ellenberg, Jürgen 28
- Emporion, Spain 57, 58
- Erfurt talers 28
- Etruscan coinage 120
- Eucratides of Bactria 62
- exhibitions, creating 3, 25
- Ferdinand III of Hungary 384
- Finland - coll. 432; medals 431,
570
- Flanders - coins and medals 317,
410, 424
- forgeries - Byzantine 203; China
240; Great Britain 290; Greek
72; Italy 333; Roman 72, 172
- Frampton, George 523
- France - coinage 311, 331, 335,
364; medals 507, 521, 522,
574; weights 400
- Gallienus 201
- geology 16
- Germany - coinage 351, 363, 370,
373, 391, 395, 405, 433, 441,
442; medals 405, 532; paper
money 579, 580, 586, 587,
588; Roman coins found in
191
- Gordian III 179
- Goths - coinage 202
- Gotland, Sweden 326
- Grazia, Guilio de 512
- Greece - coinage, ancient 23, 48,
50, 51, 52, 53, 54, 55, 61, 62,
68, 69, 71, 80, 81, 84, 93, 95,
98, 102, 104, 109, 121;
Hellenistic 48, 62, 89, 101;
medieval and modern 352,
353, 354; forgeries 72; hoards
42, 49, 53, 64, 81, 83, 96, 97,
98, 102, 111, 122, 193, 352;
medals 569
- Great Britain - coinage, Iron Age
74, 75, 103, 138, 145; Anglo-
Saxon 293, 294; Civil War
275, 276, 279; hoards 274,

- 275, 277, 278, 293, 300;
 medieval and modern 273,
 280, 281, 282, 283, 288, 289,
 290, 292, 295, 296, 297, 299,
 300; coll. 287, 298, 301, 302;
 forgeries 290; medals 494,
 501, 509, 523; mints 279,
 284, 285, 286, 289; num.
 paper money 582, 590, 593,
 608, 612; periodicals 291;
 tokens 614, 618, 624; weights
 303
- Gustav Vasa, king of Sweden 316
- Hadrian 153
- Helsinki - coll. 27; exhibition 24
- Henry V, king of England 290
- Hipponion - coinage 118
- Hoef, Chris van der 524
- Hungary - bibliography 14; finds
 of Roman coins 166, 194;
 coinage, medieval and
 modern 327, 348, 384, 385,
 387, 388, 389, 393, 406, 422,
 423, 429, 430, 438, 439, 449;
 hoards 385; medals 529, 530,
 533, 545, 546, 550, 554;
 paper money 598, 599, 604;
 price limits 328; tokens 625
- incuse coinage 71, 99
- India - coinage 259, 260, 261,
 262, 263, 264, 265, 266, 267,
 268, 269, 270
- Iraq - paper money 585
- Issus - coinage 52
- Italy - coinage 315, 329, 333, 381,
 415, 417, 425, 435; coll. 344,
 403; medals 513; num.
 society 17; paper money 592;
 weights 400
- Japan - coinage 231, 237; national
 banks 233; paper money 611
- Jarnuszkiewics, Jerzy 526
- Judea 73, 78, 112
- Justin II 204
- Koburger, Anton Bernhard 351
- Korea - coinage 241
- lead coinage 20, 115, 196, 259
- Lebanon - coinage 324
- Letterie, Marianne 510
- liberalitas 174
- Lixus 87
- luigini 327, 334
- Luxembourg, - coinage 34, 443,
 444; tokens 622, 623
- Lyon 364
- Lysimachus 53, 83
- Mahadeva 263, 264
- Mamluk coins, hoard of 229
- Maori 607
- Marcus Aurelius 176
- Martin, Chester Y. 506
- Matociis, Giovanni di 137
- Maxentius 146
- Maximinus Daza 159
- Messapia - coin finds 115
- Mecklenburg coinage 391
- medals 496, 500, 501, 502, 503,
 504, 505, 508, 512, 514, 518,
 525, 534, 537, 538, 539, 540,
 541, 542, 543, 551, 555, 565,
 566, 567; coll. 11, 515;
 Belgium 572; Catholic 493;
 Finland 431, 570; Flanders

- 317; France 507, 521, 522,
574; Germany 405, 532;
Great Britain 494, 501, 509,
523; Greece 569; Hungary
529, 530, 533, 545, 546, 550,
554; Italy 513; Napoleonic
497, 498, 499, 568;
Netherlands 36, 510, 511,
516, 517, 524, 527, 528, 531,
535, 536, 547, 549, 552, 553,
558, 559, 562, 563, 564, 571,
573, 575; papal 544, 560,
561; Poland 526; Romania
519; Slovakia 576; Spain
520; Sweden 27; United
States 506; Uruguay 548,
556, 557
- medieval coinage 9, 23, 360, 361,
365, 367, 369, 386, 392, 401,
402, 409, 410, 412, 415, 416,
417, 439, 443, 444, 447, 451
- Merovingian coinage 410
- mining 16
- Morgantina, Sicily 51, 63, 68, 139
- Napoleonic medals 497, 498, 499
- Navarre, Spain 337, 372
- Nemesis type 142
- Netherlands - coinage, medieval
and modern 15, 313, 317,
319, 320, 321, 322, 323, 325,
335, 338, 356, 357, 359, 368,
373, 374, 377, 390, 394, 407,
408, 409, 411, 413, 419, 424,
426, 427, 440, 445, 446, 447;
finds of Roman coins 128,
129, 135, 187, 188, 189, 197,
198, 199, 200; finds of
Almohad coins 227; coll. 6;
medals 36, 317, 510, 511,
516, 517, 524, 527, 528, 531,
535, 536, 547, 549, 552, 553,
558, 559, 562, 563, 564, 571,
573, 575; East Indies 314,
319; hoards 358, 366, 376,
412, 434; mints 313, 318,
321, 324, 375, 420, 448;
num. society 19; paper money
578, 581, 583, 587, 591, 601;
West Indies 487
- Nicaragua 489
- Noricum 147
- Norway - coinage 30, 304, 305,
365; mints 402
- num. societies - Italy 17;
Netherlands 19
- Oea (Tripoli) 88
- Ortelius, Abraham 534
- Paeonia - coinage 110
- Palestine 43, 73, 78, 112; finds of
Byzantine coins 212, 219;
Mamluk coins 229
- Pannonia - coinage 134, 147
- Paraguay 491
- Peru 483, 484, 485, 486, 490
- Phoenicia - coinage 85, 88
- Philetairos 83
- Philip II of Macedon 53
- Pisanello 565, 566
- Poland - coinage 318, 458; medals
526
- Polonský, Marián 495
- Pompey, Sextus 126
- Postumus 155
- proto-contorniates 165
- Ptolemaic coinage 44, 53, 64, 73,
76, 77, 97
- Ptolemy I 90

- Punic coinage 40, 41, 42, 87, 100, 123
- Qatar - paper money 584
- Reinhart, Hans 531
- Reynolds, John 285
- Romania - coinage, Byzantine finds 207, 208, 210, 211, 216; medieval and modern 23, 330, 453; medals 519
- Rome - coinage 97, 137, 156, 158, 160, 166, 173, 182, 189; coll. 169, 171; forgeries 72, 172; hoards 129, 148, 157, 168, 172, 175, 179, 185, 187, 188, 191, 194, 195, 198, 199; Imperial 23, 28, 127, 130, 140, 142, 146, 149, 150, 151, 155, 157, 159, 163, 165, 168, 170, 171, 174, 175, 176, 180, 184, 186, 201; legends 161; medallions 132, 181, 183, 192; provincial 113, 125, 126, 127, 133, 134, 136, 138, 143, 144, 145, 146, 148, 152, 153, 154, 162, 164, 167, 177, 180, 190; Republican 23, 127, 131, 139, 141
- Russia - coinage 454; paper money 606
- Samanid coinage 222
- Sasanian - num. 86; seals 226
- Saxon coinage 392
- Scythia - coin finds 184
- Seleucid coinage 53, 64, 80, 83
- Selvi, Antonio 494
- Serbia 455
- Severus, Septimius 130, 162
- Seville, Spain - coll. 8, 22
- Sicily - coinage, Greek 51, 63, 68, 69, 139; medieval and modern 435, 436, 437
- sigillography 9
- Sigtuna, Sweden 396
- Slovakia 576
- Slovenia 455
- Smyrna - coinage 142
- Soldani-Benzi, Massimiliano 494
- southeast Asia 271, 272
- Spain - coinage, ancient 47, 56, 57, 58, 59, 60, 67, 70, 100, 105, 107, 113, 126, 136, 143, 167, 190, 196; medieval and modern 4, 335, 336, 337, 372, 404, 416; coll. 8, 22; medals 520
- statistical analysis 35, 37
- Steenbergen, Niel 562
- Stephen, king of England 280, 281
- stereo-microscope drawing method 30, 309
- Suchtelen, J.P. van 27
- Suevian coinage 209, 437
- Sung dynasty 252, 255
- Svend Estridsen, king of Denmark 349
- Sweden - coinage 326, 396; Italian coins in 381; paper money 600
- Switzerland - coinage 397, 418; mints 332; weights 398, 399
- Syracuse, Sicily 55, 69
- Syria 73
- T'ang dynasty 238
- Tarragona, Spain 4
- Teos - coinage 93
- terra cotta "coins" 79, 89

- Theodosius I 214, 217
Thrace - coinage 98
tokens - China 235
Tranquebar, Danish colony 259
Transylvania 406
Turkey - paper money 596, 602
Tyche type 142
- Ughuristan 242
Ukraine - paper money 589
United States of America -
 coinage 470, 477; cents 459,
 460, 472, 473, 480; half-
 dimes 462, 471, 478; quarters
 463; half dollars 464, 465,
 474, 475, 476; dollars 461;
 New Jersey coppers 466, 467,
 481; gold coins 468, 469,
 479; coll. 474; hoards 475;
 paper money 597, 605; tokens
 619, 621
Uruguay - medals 548, 556, 557
- Veneto - ancient 114, 156;
 medieval 417
Venice, grossi 353, 354, 425
Viking coinage 222, 282, 382,
 428
Visigoth coinage 209
Vladislav I, prince of Romania
 330
- Wesselman, Carel Frederik 420
Wielinga, E. 11
Wiener, Jacques 572
William IV, king of Holland

AUTHOR INDEX

- AAGAARD, SVEN 30, 40, 41, 42,
 304, 305, 306, 307, 308, 309
 AJMAR, MARTA 493
 AKASAKA, ICHIRO 231
 ALFARO ASINS, C. 2, 40, 41, 42
 ALLEN, MARTIN 273
 AMANDRY, M. 125
 AMELA VALVERDE, L. 126
 AMIT, D. 43
 AN, WEI-CHÜN 245
 AOKI, PAUL N. 44
 ARDEVAN, RADU 127
 ARDOVINO, ANGELO MARIA
 45
 AREVALO GONZALEZ, A. 46,
 47
 ARGYRO, DANIEL 459, 460
 ARKESTEIJN, N.L.M. 578
 ARNOLD-BIUCCHI, CARMEN
 48
 ARSLAN, ERMANNIO A. 49, 202
 ASINGH, PAULINE 222
 ATWOOD, PHILIP 274
 AVERY, CHARLES 492

 BAART, J. M. 128
 BAJKUROVÁ, KATARÍNA 495
 BAKKER, J.A. 129
 BALOGHNÉ ÁBRÁNYI,
 HEDVIG 310
 BALVEREN, A.F.A.M. VAN 130
 BAR, MARC 131
 BARCLAY, CRAIG 275, 276
 BARELLO, FEDERICO 50
 BARENGHI, FRANCESCA 132

 BARRANDON, J.-N. 311
 BASLER, DJURO 133, 134
 BATES, MICHAEL L. 223
 BATESON, J.D. 277, 278
 BEEK, B. VAN 312
 BEEK, E.J.A. VAN 313
 BEEK, M.L.F. VAN DER 314
 BELIËN, P.A.M. 135
 BELL, MALCOLM 51
 BELLESIA, LORENZO 315
 BELOHRADSKÁ, L'UBA 496
 BELTRAN, A. 3
 BENAGES, J. 4
 BENTSEN, BIRGER 316
 BERRY, G. 614
 BERTSCH, WOLFGANG 5, 232,
 461, 615, 616
 BESLY, EDWARD 276, 279
 BLACKBURN, M.A.S. 280, 281,
 282, 317
 BLAZQUEZ CERRATO, C. 136
 BLOCK, DAVID 497, 498, 499,
 579, 580
 BLYTHE, AL 462
 BODON, G. 137
 BOEGHEIM, L.M.J. 318, 319,
 320, 321, 322, 323, 324, 581
 BOEKHORST, B.J. TE 6
 BOLING, JOSEPH E. 233
 BOMPAIRE, M. 311
 BONA, ISTVAN 203
 BOS, M.C. 325
 BOURNE, MARCY LEAVITT
 500, 501
 BRACE, BRUCE R. 283

- BRACE, DORTE 326
BRAND, E. 204
BRIGGS, DAPHNE 138
BRIGGS, LARRY 463
BRINDLEY, JAMES C. 52
BROWN, I. DAVID 284
BROZOVIC, DALIBOR 450
BUCHET, ARSÈNE 502
BUCUR, MITREA 23, 53
BUZA, JÁNOS 327, 328
BYATT, DERRICK 582
- CACCAMO CALTABIANO,
 MARIA 54, 139
CACCIOTTI, BEATRICE 7
CAHN, HERBERT 55
CALLEGHER, B. 329
CALLU, JEAN-PIERRE 140
CAMPAGNOLO, MATTEO 205,
 206, 400
CAMPO, M. 56, 57, 58
CANTACUZINO, GH. 330
CANTO GARCIA, A. 47
CAPITANU, VIOREL 141
CASAS PLA, J. 503
CELLINI, G.A. 142
CEPEDA, J.J. 143
CHALLIS, C.E. 285
CHANG, KENG 245
CHAO, HSIN-LAI 234
CHARLET, C. 331
CHAVARRIA, MARTIN P. 482
CHAVES TRISTAN, F. 8, 59, 60
CH'EN, SHU-MING 235
CHIESA, FRANCO 332
CHIKÁN, BÁLINT 504
CHIRIAC, COSTEL 207, 208
CHOU, CHIEN-FU 236
CHRISTIANSEN, ERIK 144
CHÜAN, CH'EN 234
- CIALINI, FILIPPO 34
CIPOLLA, CARLO 333, 334
CLIANTE, TRAIAN 178
CLUA I MERCADAL, N. 224
COOK, B.J. 335
CREIGHTON, JOHN 145
CRISAN, I.H. 61
CROOK, LINDA 505
CRUSAFONT I SABATER,
 MIQUEL 209, 336, 337
CUBELLI, VINCENZO 62
CUHAJ, GEORGE S. 506
CULLHED, MATS 146
CUSTUREA, GABRIEL 210
CUTRONI TUSA, ALDINA 63
- DALEN-OKSAM, K. VAN 338
DAMIAN, OANA 211
DAVENPORT, JOHN S. 339, 340,
 341, 342
DAVESNE, A. 64
DAVIS, MIKE 617
DAWSON, ALAN 273
DE JERSEY, PHILIP 65
DEMBSKI, GÜNTHER 147
DEPEYROT, GEORGE 343
DESNIER, JEAN-LUC 507
DEVILLA, PATRIZIA 344
DHENIN, MICHEL 9, 345
DICKINSON, M.J. 301, 302
DIJK, B. VAN, 10
DJOZIC, HAKIJA 451
DROOGLEEVER, J. FORTUYN
 313
DUCHAMP, MICHEL 508
DUMITRASCU, SEVER 148
DUNCAN-JONES, R.P. 149
DUTTON, RON 509
DYM, K.A. 483

- EEKELS-WIEGEL, A.M. 510
 ELIËNS, T.M. 511
 ELZINGA, G. 11, 12
 ENTERS, J.C. 346
 EQUALL, NANCY 150
 ERNSTING, BERND 347
 ERP, R. VAN 583
 ESHEL, H. 43
 ESTY, WARREN W. 150
- FAZEKAS, GÁBOR 348
 FINALDI, GABRIELE 512
 FINKELSTEIN, DAVID 464, 465
 FISHER, JACK H. 584
 FLATT, HORACE P. 484, 485,
 486
 FONTENLA BALLESTA, S. 225
 FORABOSCHI, DANIELE 66
 FORNITZ, MICHAEL 349
 FORREST, BOB 151, 350
 FRANZ, UDO 351
 FRIEDMAN, HERBERT A. 585,
 586
- GALANI-CRICOU, MINA 352,
 353, 354
 GARCIA-BELLIDO, M.P. 67
 GARCIA VARGAS, E. 60
 GARRAFFO, SALVATORE 68,
 69
 GARRETT, A.D. 286
 GARZON BLANCO, J.A. 152,
 153
 GASPAR, PETER 290
 GAUNT, D.J. 614
 GEISER, ANNE 154
 GELDER, H.E. VAN 355, 356,
 357, 587
 GERNER, FRANCIS 237
 GIGNOUX, P. 226
- GILLJAM, HANS 155
 GIMENO, J. 70
 GINKEL, E. VAN 434
 GIOVANNONI, GIANNINO 513
 GIOVETTI, PAOLA 513
 GLAVAŠ, TIHOMIR 452
 GLYNN, JOHN 588
 GONCHARUK, WILLIAM D. 589
 GOREN-ROSEN, Y. 212
 GORINI, GIOVANNI 71, 156,
 157, 158
 GOSZTONYI, JÓZSEF 514
 GOTTLIEB, VIRTHE 259
 GRAAF, C. DE 358, 359, 487
 GRANT, GEOFFREY L. 590
 GRIERSON, PHILIP 360
 GRIFFEE, JOHN 466, 467
 GRINDER-HANSEN, KELD 361
 GROLLE, J.J. 362, 591
 GROOT, PAUL F.L. DE 13
 GROSU, AURELIA 186
 GRUNE, ROLF 363
 GUASTAVINO, JUAN
 ESTEVAN 488
 GUILLEMAIN, J. 364
 GULLBECK, SVEIN H. 365
 GULLINO, SERGIO 592
 GUNSTONE, A.J.H. 287
- HÁGEN, JÓZSEF 14
 HANDA, DEVENDRA 260, 261,
 262, 263, 264, 265, 266, 267,
 268, 269, 270
 HANSEN, PETER 72
 HARRISON, R. 73
 HASELGROVE, COLIN 74, 75,
 138
 HAZZARD, RICHARD A. 76, 77
 HEER, A.R.E. DE 516
 HEESCH, JOHAN VAN 159

- HENDRIKSE, H. 366
 HENG, MEN 238
 HENGEL, C. VAN 367, 368
 HERBERT, SHARON C. 78
 HESLIP, ROBERT 618
 HEUVEN-VAN NES, E. 517
 HEWITT, VIRGINIA 593
 HOCQUET, JEAN CLAUDE 369
 HOLLMANN, JENNY-E. 370
 HOLLOWAY, R. ROSS 79
 HORVITZ, PETER S. 453, 518,
 519, 520, 521
 HOUGHTON, A. 80
 HOWGEGO, CHRISTOPHER 160
 HSÜ, YI-TSUNG 239
 HUBRECHT, A.V.M. 169
 HUISKAMP, M. 371
 HUSSEIN, MOHAMMAD 594,
 595
 HUVELIN, H. 522

 IBAÑEZ ARTICA, M. 372
 ILISCH, P. 373
 INGVALDSEN, HÅKON 81
 IVANIŠEVIĆ, V. 213

 JACOBI, H.W. 32, 374, 375, 376,
 377
 JAKOBSEN, TOVE 259
 JAMES, B.R. 612
 JENSEN, JØRGEN STEEN 33,
 259, 378, 379, 380
 JEZZARD, ANDREW 523
 JINTES, L.F. 524
 JOHNSON, CESARE 17
 JONES, MARK 525
 JONSSON, KENNETH 288, 381,
 382
 JULIAN, ROBERT W. 454
 JUNGWIRTH, HELMUT 383, 384

 KAHLER, FRIGYES 385
 KASZEWSKI, CEZARY 526
 KAYNAR, BÜNYAMIN 596
 KEENER, THOMAS 240
 KELLNER, HANS-JORG 82
 KENNY, DAVID 468, 469
 KENT, JOHN 161, 214
 KETTENHOFEN, E. 162
 KING, CATHY E. 138, 163, 215
 KLEIN, ULRICH 386
 KOERS, J.P. 227
 KOGA, YOSHIMASA 241
 KÖHEGYI, MIHÁLY 387, 388,
 389
 KONDIJANOV, J. 213
 KONING, A.J. DE 527
 KONING, H. DE 528
 KOS, PETER 164, 165
 KÓTAI, JÓSZEF 529
 KOUTSOURES, JIM 619
 KOVÁCS S., TIBOR 530
 KRANEVELD, PETER 390, 620
 KRASNOV, GJURO 455
 KRAUSE, CHESTER L. 597
 KREEK, J. DE 272
 KREEK, M. DE 531
 KROMANN, ANNE 222
 KUNZEL, MICHAEL 391
 KUPA, MIHÁLY 455, 598, 599

 L. KOVÁSZNAI, VIKTÓRIA 533
 LAGERQVIST, LARS O. 600
 LANTING, J.N. 227
 LANYI, VERA 166
 LAUERWALD, PAUL 392
 LEÁNYIFALUSI, KÁROLY 393
 LENTZ, LAMAR 534
 LE RIDER, G. 83
 LESCHHORN, WOLFGANG 84

- LESSEN, MARVIN 289, 290
LETTERIE, F. 535, 536
LIN, KUO-MING 242
LINDEN, D. VAN DER 394
LITI, SOFOKLI 85
LLORENS, M. 113
LLORENS FORCADA, M. DEL
MAR 167
LUCASSEN, J. 601
LUEDEKING, ALAN 489
- MACALUSO, R. 168
MacDOWALL, D.W. 169
MacKENZIE, KENNETH M. 228,
602
MAGNANO LAMPUGNANI, V.
540
MAJEWSKI, ARTHUR 395, 537
MALEK, HODGE MEHDI 86
MALLIS, A. GEORGE 470
MALMER, BRITA 396
MANFREDI, LORENZA 87, 88
MANNINO, KATYA 89
MANUCU-ADAMESTEANU,
GH. 216
MANVILLE, H.E. 291, 292
MAOZ, L. 229
MARABINI MOEVS, MARIA
TERESA 90
MARCOS ALONSO, C. 42
MARINOV, RUMEN 603
MAROT, T. 170
MARQUES DE FARIA, A. 91
MARTIN, COLIN 397, 398, 399,
400
MARTIN-BUENO, M. 170
MARTINI, RODOLFO 171
MASTELLONI, MARIA
AMALIA 91, 172
MATTINGLY, HAROLD B. 93
- MATZKE, MICHAEL 401
McCLOSKEY, JOHN W. 471
McGREGOR, K.A. 122
McLAUGHLIN, MICHAEL 472,
473
McLEES, CHRISTOPHER 402
MEAGHER, JOHN C. 173
MEER, J. VAN DER 18, 538
MEESTERS, J.H.G. 19
MEGAW, J.V.S. 94
MELVILLE-JONES, J.R. 95
MENZEL, SEWARD 490
MESHORER, Y. 78, 539
METCALF, D.M. 215, 293, 294
METCALF, WILLIAM E. 96, 174
MICHAELIDOU-NICOLAOU,
INO 97
MIHAILESCU-BARLIBA,
VIRGIL 175, 193
MILLON, H. 540
MIRNIK, IVAN 98, 456, 541, 542
MISSERE, GIANLUIGI 403
MISSERE FONTANA,
FEDERICA 403
MITCHELL, OSVALDO 491
MITCHINER, M.B. 271
MITTAG, PETER FRANZ 176
MODESTI, ADOLFO 543
MOLEMA, J. 227
MONTANI PERTOSA, E. 99
MOOIJAART, M. 338
MORA SERRANO, B. 100
MØRKHOLM, OTTO 101
MORRISON, CÉCILE 20
MULLALY, TERENCE 544, 545,
546
MUNNIG SCHMIDT, E. 547
MUÑOZ, J. 113
MURRAY, GLENN 404
MUSSINI, NULLO 548

- NAGY, ÁDÁM 604
NASTER, P. 21
NEUVEN-VAN NES, E. VAN 549
NEYEN, RENÉ 34
NICOLET-PIERRE, H. 102
NOLLÉ, JOHANNES 177
NORTH, J.J. 295
NORTHOVER, J.P. 103, 215

OAKES, DEAN 605
OCHESEANU, RADU 178, 184
OECONOMIDES, MANDO 104
O'HARA, M.D. 296
OLBRICH, KONSTANTIN 217
OTERO MORAN, P. 105
ÓVÁRI, FERENC 179, 180

P. BOROS, ILONA 550
PANVINI ROSATI, FRANCO 181
PAP, FERENC 406
PAPASIMA, TEODOR 218
PARISE, NICOLA F. 106, 577
PEDRONI, LUIGI 182
PELLICER I BRU, J. 107
PERA, ROSSELLA 108
PERASSI, CLAUDIA 183
PEREZ SINDREU, F. DE P. 22
PETERSON, GLENN 474, 475,
476
PETRÁNYI, GYULA 109
PETROVA, ELEONORA 110
PETTARIN, S. 111
PICKUP, DAVID 551
POENARU BORDEA, GH. 23,
184
POGANCNIK, ALBIN 457
POL, A. 407, 408, 409, 410, 411,
412
POL-TYSZKIEWICS, J.T. 524

POLLARD, A.M. 271
POLLOCK, ANDREW W. III 477
PONTIROLI, GIUSEPPE 185
POP, J.J.H. 552
PREDÁ, CONSTANTIN 186
PRICE, ED 478
PRICE, M. JESSOP 122
PRINS, J.W. 187, 188
PURMER, D. 413
PUSINERI SCALA, C.A. 492

R. NÁNÁSI, ÉVA 554
RAYMAN, JÁNOS 14, 606
REIJNEN, R.W. 189
REMMEN, C. VAN 553
RHODES, N.G. 243, 244
RICHARD, J. 414
RIKLIN, S. 112
RIPOLLÈS, P.P. 35, 113, 190
RIZZOLI, LUIGI 114
RODGERS, K.A. 607
ROGERS, D.J. DE S. 555
ROGERSON, A. 282
RONNER, E. 36
ROSEN, MAURICE 479
ROVELLI, ALESSIA 415
RUEDA SABATER, M. 37, 416
RULAU, RUSSELL 621

SACCOCCI, A. 417
SALDAÑA, J.M. FERNÁNDEZ
556, 557
SARVAS, PEKKA 24
SCARINCI, DONALD 480
SCHALLMAYER, EGON 191
SCHÄRLI, BEATRICE 418
SCHARLOO, M. 25, 558, 559
SCHEFFERS, A.A.J. 419, 420
SCHOLLAARDT, C. 421
SCHWARTZ, JOHN 605

- SEJBAL, JIRÍ 422
 SERAFIN PETRILLO, PATRIZIA 26
 SHAPPELL, CHRIS 38
 SHARP, MICHAEL 297
 SHEFFIELD, CATHERINE 493
 SHENG, YÜN 245
 SICILIANO, ALDO 115
 SION, O. 219
 SKAARE, KOLBJØRN 192
 SMART, V. 298
 SMITH, BRUCE W. 246, 247, 248, 249, 250, 251, 252, 253, 254
 SMITH, RICHARD J. 150
 SOLTÉSZ, FERENC 560, 561
 SOÓS, FERENC 423
 SOUDIJN, K. 562
 SPITZEN, W. 563
 SPUFFORD, PETER 424
 STAHL, ALAN M. 425
 STAZIO, A. 116
 STERN, E. 212
 STEURBAUT, W. 517
 STEWART, IAN = LORD STEWARTBY
 STEWARTBY, LORD 299, 300
 STEYN, G. 564
 STONE, ALAN N. 565
 STREEFKERK, C. 426
 STRIEGAL, MARY F. 290
 STUURMAN, J.G. 427
 SUCHODOLSKI, STANISLAW 428
 SÜLE, TAMÁS 14
 SYMES, PETER 608
 SYSON, LUKE 566, 567
 SZEMÁN, ATTILA 429, 430
 TALIERCIO MENSITIERI, MARINA 117, 118
 TALVIO, TUUKKA 27, 230, 431, 432, 568, 609
 TAZEDAKIS, PANOS N. 569
 TEODOR, SILVIA 193
 TETRI, JUHA E. 570
 THIERRY, FRANÇOIS 256
 THIERRY, N. 220
 THOMPSON, R.H. 614
 THOMPSON, R.J. 301, 302
 THORMANN, HEINZ 433
 TILANUS, L. 571
 TITUS, MIKE 610
 TOPS AHIN, SABAHATTIN 596
 TORBÁGYI, MELINDA 194
 TOUSSAINT, I. 434
 TRAVAINI, LUCIA 435, 436, 437
 TSENG, TSE-LU 257
 TSENG, YUNG 258
 TUCKER, JOSEPH L. 572
 UEMURA, TAKASHI 611
 ULONSKA, HANS-JÜRGEN 28
 V. SZÉKELY, GYÖRGY 438, 439
 VALLEJO GINES, M. 195
 VAN ARSDELL, ROBERT D. 119
 VEEN, B.J. VAN DER 573
 VEILLON, MARIE 574
 VELDEN, P.M. VAN DER 440
 VERBEEK, P.W. 39
 VERWER, B.J.H. 39
 VICARI, FABIO 120
 VILLARONGA, L. 35, 196
 VIN, J.P.A. VAN DER 197, 198, 199, 200, 221
 VISMARA, NOVELLA 171
 VON KAENEL, HANS-MARKUS 29

WALLACE, MALCOLM B. 121
WALTHER, WULF 392
WARTENBERG, U. 122
WEDELL, KARL-HEINZ 441
WEDER, MARCUS R. 201
WEILLER, RAYMOND 442, 443,
444, 622, 623
WIEL, H.J. VAN DER 445, 446
WIJSENBECK, A.TH. 447
WILLIAMS, RAY 481
WITHERS, BENTE 303
WITHERS, PAUL 303
WITHINGTON, R. 612
WITTOP KONING, D.A. 448, 575

XELLA, PAOLO 123

YENISOGANCI, V. 64
YIH, T.D. 272

ZAFFERN, JOSEPH 624
ZAITSEV, Z.Z. 458
ZHANG ZHI-CHAO 613
ZOMBORI, LAJOS 449, 625
ZORICÁK, PETER 576
ZUPANCIC, M. 124

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THE AMERICAN NUMISMATIC SOCIETY
NEW YORK

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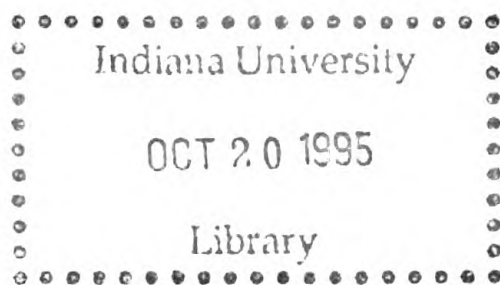
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CONTENTS

PREFACE	v
CONTRIBUTING EDITORS	vi
GUIDE FOR ABSTRACTORS	xii
PERIODICAL ABBREVIATIONS	xiv
GENERAL	1
TECHNOLOGY AND METHODOLOGY	12
GREEK	14
ROMAN	47
BYZANTINE	76
NEAR AND MIDDLE EAST -- MEDIEVAL AND MODERN	80
INDIA AND SOUTH ASIA	87
FAR EAST	103
EUROPE -- MEDIEVAL AND MODERN	109
GREAT BRITAIN AND IRELAND	109
WESTERN AND CENTRAL EUROPE	121
EASTERN EUROPE AND THE BALKANS	156
THE AMERICAS	159
UNITED STATES	159
MEXICO, CENTRAL AND SOUTH AMERICA	165
OCEANIA	167
MEDALS AND DECORATIONS	168
PRIMITIVE MONEY	183
PAPER MONEY	183
TOKENS AND JETONS	200
REVIEWS	207
OBITUARIES	217
HOARD LIST	219
SUBJECT INDEX	220
AUTHOR INDEX	228

PREFACE

Numismatic Literature is a semiannual survey of current publications in or related to numismatics with abstracts of their contents. Beginning with *NL* 79 (December 1967), bibliographic information and abstracts have been submitted by an international board of contributing editors, each of whom collects material published in his country. The contents and quality of *NL* reflect the participation of this editorial board and of individual scholars, whose cooperation can create a truly comprehensive bibliographic tool.

The revisions in format introduced in *NL* 81 have been maintained in order to enable each reader to find and use material in his own field more easily, while benefiting from work published in peripheral fields. Most entries are grouped under broad cultural, geographical, or typological sections. In addition, the section Technology and Methodology lists works in which recently developed techniques for numismatic study are described or significantly applied. The Greek section correlates with the broad definition of Head's *Historia Numorum*. At the end of each section is a list of numbered cross references to abstracts with related material in other sections.

Author and subject indices are published at the back of each issue. The author index does not include references to the reviews, which are themselves alphabetically arranged by author. The hoard list is a separate list of abstracts in which reference is made to coin hoards.

Periodical titles are abbreviated whenever possible. A cumulative list of periodical title abbreviations is published in the March issue of even-numbered years. Intervening issues contain a cumulative list of additions. In this way, the list should become a record of the periodical publications in many fields in which numismatic material appears and a convenient compilation of abbreviations for scholars.

Although *NL* is a bibliography of current publications, an effort is being made to include notices of somewhat older publications which are not readily available or are published in languages which readers are not likely to know, and which were not discovered until the institution of the international board of contributing editors.

Comments and suggestions for improvement are welcome and may be addressed to the International Editor at the American Numismatic Society. The Editor thanks all those who have contributed to *NL* and hopes that participation will continue to grow.

CONTRIBUTING EDITORS

The Contributing Editors listed below provide the international cooperation necessary for the publication of *Numismatic Literature*. Each Contributing Editor has assumed the responsibility for collecting and forwarding to the International Editor at The American Numismatic Society titles and abstracts of all works of serious numismatic interest published in his area. In order that *NL* may offer the most complete, accurate, and current coverage possible, *each author is strongly urged to prepare an abstract of his own work at the time of publication, and to send it to the Contributing Editor of the country in which the work was published.* A guide for the preparation of abstracts follows the list of Contributing Editors.

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GUIDE FOR ABSTRACTORS

Entries in *Numismatic Literature* generally consist of two parts, the bibliographic information and the abstract.

Bibliographic Information

All entries must include the following information:

1. The full name(s) of the author(s)
2. The title of the publication in the original language, but in the Roman alphabet. If the publication is not written in English, French, German, Italian or Spanish, the original title should be followed by a translation into one of these languages.

If the publication is an article in a journal, the following information must also be given:

3. Volume and/or issue number
4. Date of the journal
5. Date of publication, if it is different from the date of the journal
6. Page numbers on which the article appears
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If the publication is an article in a book of collected works, such as a festschrift or proceedings of a congress, the following information must also be given:

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4. Place of publication and name of publisher
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6. Page numbers on which the article appears
7. Presence of illustrations.

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3. Edition number and editor's name, if any
4. Place of publication and name of publisher
5. Date of publication
6. Total number of pages
7. Presence of illustrations
8. ISBN, optional.

If the content of the publication is general in nature and does not include specific information or arguments which should be brought to the reader's attention, and the title is fully descriptive of the contents, the bibliographic information alone may be given and the abstract omitted.

The Abstract

Definition. An abstract is a concise, objective summary or description of the content of a publication. It is different from a review in that an abstract does not offer critical comment or additions to the original work.

Length. Abstracts may be from about 50 to 200 words in length, depending upon the importance or complexity of the publication. A long abstract may be desirable when the original publication is not readily available or is written in a language most readers are not likely to know.

Style and Language. Abstracts should be written in complete sentences. They may be submitted in English, French, German, Italian or Spanish, but will be published in English. All abstracts must include the typewritten, full name of the abstractor.

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Material may be sent to the International Editor in printed form or on diskette. Contributors wishing to use the latter form should submit an IBM-readable diskette containing files in one of the following formats:

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Microsoft Word for the Macintosh	Versions 4.x and 5.x
Microsoft Write for Windows	
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NOTE TO CONTRIBUTING EDITORS

Abstracts intended for publication in the March issue of *Numismatic Literature* should be received at the editorial office of The American Numismatic Society, Broadway at 155th Street, New York, NY 10032, no later than 15 November of the preceding year; abstracts for the September issue should be received no later than 15 May of the same year.

PERIODICAL ABBREVIATIONS

A cumulative list of periodical title abbreviations is published in the March issue of even-numbered years. The following periodicals and periodical abbreviations have been introduced since volume 131, when the list was last published:

<i>AION ArchStAnt</i>	<i>Annali Archeologia e Storia Antica</i> , Istituto Orientale di Napoli, Italy.
<i>Aquileia Nostra</i>	<i>Aquileia Nostra</i> , Associazione Nazionale per Aquileia, Aquileia, Udine, Italy.
<i>CSSAI</i>	<i>Caietul Seminarului special de cȘtiințe auxiliare ale istoriei</i> . Universitatea București, Romania.
<i>ICSN</i>	<i>Indian Coin Society Newsletter</i> , Bombay, India.
<i>JEAN</i>	<i>Journal of East Asian Numismatics</i> , P.O. Box 9310, Niskayuna, New York USA.
<i>JRA</i>	<i>Journal of Roman Archaeology</i> , Ann Arbor, Michigan USA.
<i>The Picus</i>	<i>The Picus</i> , Classical and Medieval Numismatic Society, Ontario, Canada.
<i>NLR</i>	<i>Numismatic Literature Review</i> , published by Remy Bourne, 509 40th Ave NE, Minneapolis MN 55421-3834, USA.

GENERAL

- 1 *Actas del XI Congreso Nacional de Numismática, Elx 1994.* Elx 1994. 408 pp.
- 2 *VIII Congreso Nacional de Numismática, Aviles 1992.* Madrid, FNMT 1994. 656 pp.
- 3 *IX Congreso Nacional de Numismática, 2-6 Nov. 1994. Ponencias.* Elx 1994. 215 pp.
- 4 ACUÑA CASTROVIEJO, F. Los estudios de numismática en Galicia: problemas y perspectivas. *VIII Congreso Nacional de Numismática, Aviles 1992* (Madrid 1994) pp. 551-60.
- 5 ANSEMIL PARADA, L. Colección numismática del Museo de Pontearreas. *VIII Congreso Nacional de Numismática, Aviles 1992* (Madrid 1994) pp. 561-69.
- 6 BARRON, C. Primitive, No, Traditional, Yes : A Framework for Analysing Unconventional Forms of Money. T. Hackens *et al.*(eds.), *Proceedings of the XIth International Numismatic Congress* vol. 4 (Louvain-la-Neuve 1993) pp. 339-46.
- 7 BARTH, MATTHIAS. *Ex libris numismaticis.* Eine Auswahl heraldischer und numismatischer Bucheignerzeichen aus fünf Jahrhunderten in der Bibliothek der Staatlichen Münzsammlung München. *JNG* 42/43 (1992/93 [1994]) pp. 311-47 illus.
- 8 BEINHAUER, KARL-WILHELM, ROLF C.A. ROTTLÄNDER, and HEINZ-JOACHIM SCHULZKI. *Die Sache mit Hand und Fuß—8.000 Jahre Messen und Wiegen.* Mannheim, Museum für Archäologie und Völkerkunde im Reiß-Museum der Stadt Mannheim 1994. 66 pp. illus.

This is an exhibition catalogue on the history, theory and practice of weighing and measurement from ancient times to the present. Special attention has been paid to Greek and Roman weights, measures and balances, and the survival of prehistoric measurement into 19th-century Europe.
(H.-J. Schulzki)

9 BELTRAN, A. Los problemas actuales de los estudios numismáticos. Coleccionismo y archivo. Temas de discusión I. Problemas actuales. *VIII Congreso Nacional de Numismática, Aviles 1992* (Madrid 1994) pp. 17-25.

10 BERGHAUS, PETER. Numismatiker im Porträt. 22. Jacob von Melle 15. Juni 1659 Lübeck - 13. Juni 1743 Lübeck. *GN* 29 no. 160 (1994) pp. 61-68 illus.

11 BERGHAUS, PETER. Numismatiker im Porträt. 23. Johann Gottfried Richter 12. Mai 1713 Altenburg - 15. Mai 1758 Leipzig. *GN* 29 no. 161 (1994) pp. 128-33 illus.

12 BERGHAUS, PETER. Numismatiker im Porträt. 24. Karl Kennepohl 5. Juni 1895 Osnabrück - 17. August 1958 Osnabrück. *GN* 29 no. 162 (1994) pp. 180-83 illus.

13 BERGHAUS, PETER. Numismatiker im Porträt. 25. Theodor Reinhold Stenzel 12. Dezember 1824 Lausigk - 22. April 1894 Lausigk. *GN* 29 no. 163 (1994) pp. 223-28 illus.

14 BERGHAUS, PETER. Numismatiker im Porträt. 26. Justus Möser 14. Dezember 1720 Osnabrück - 8. Januar 1794 Osnabrück. *GN* 29 no. 164 (1994) pp. 280-86 illus.

15 BERGHAUS, PETER. Numismatiker im Porträt. 27. Heinrich Baur 10. September 1894 Altona - 7. Juni 1981 Hamburg-Othmarschen. *GN* 30 (1995) pp. 12-15 illus.

16 BERGHAUS, PETER. Numismatiker im Porträt. 28. Johann Albert Fabricius 11. November 1668 Leipzig - 30. April 1736 Hamburg. *GN* 30 (1995) pp. 86-90 illus.

17 BERGHAUS, PETER. Numismatiker im Porträt. 29. Karl Asmund Rudolphi 14. Juli 1771 Stockholm - 29. November 1832 Berlin. *GN* 30 (1995) pp. 135-38 illus.

18 CALLATAÏ, FRANÇOIS DE. L'évolution démographique de quelques grandes sociétés de numismatique. *RBN* 140 (1994) pp. 71-87.

Four great numismatic societies are considered: the Royal Numismatic Society of England, the Société Française de Numismatique of France, the Société Royale de

Numismatique de Belgique of Belgium and the American Numismatic Society of the United States. Data as detailed as possible have been gathered. Demographic comments are made for each society: what is the evolution of the number of members? What reasons explain growth or decline? How many new members must each society acquire to maintain its level? and so on. (Author)

19 CAMPBELL, F.D. American Numismatic Society; List of Subject Headings for Specialized Collections in Numismatics. T. Hackens *et al.*(eds.), *Proceedings of the XIth International Numismatic Congress* vol. 4 (Louvain-la-Neuve 1993) pp. 415-22.

20 CATALLI, FIORENZO, ANDREA CAVICCHI, and MASSIMILIANO MUNZI. *Museo Comunale di Gubbio. Monete. Catalogo regionale dei beni culturale dell'Umbria.* Perugia, Electa Editori Umbri 1994. 436 pp. illus.

This is a history of the formation of the coin cabinet of the Museo Comunale di Gubbio and a catalogue of the collection of 1619 coins of ancient Italy, the Roman Republic and Empire, and medieval and modern coins. The collection includes the hoard of Santa Cristina, containing 934 "denari lucchesi" from the end of the 10th to the first half of the 12th century. (A. Carignani)

21 CORRADINI, E. Il Medaglieri dei duchi d'Este : i 550 anni di una collezione. T. Hackens *et al.*(eds.), *Proceedings of the XIth International Numismatic Congress* vol. 4 (Louvain-la-Neuve 1993) pp. 403-14.

22 CUNZ, REINER. *Vom Taler zur Mark. Münzen und Papiergeld aus der Sammlung des Niedersächsischen Münzkabinetts der Deutschen Bank.* (exhibition catalogue) Frankfurt, Henssler KG 1994. 38 pp. illus.

23 DEIWT, HARRY. Nijntechnieken op munten en penningen [Mining techniques on coins and medals]. *JEGMP* 1993 pp. 115-25 illus.

24 DEKESEL, C. Charles Patin een numismaat uit de 17de eeuw. *JEGMP* 1993 pp. 17-23 illus.

25 DOTY, R.G. The Industrialization of Money: Crises and Responses. T. Hackens *et al.*(eds.), *Proceedings of the XIth International Numismatic Congress* vol. 4 (Louvain-la-Neuve 1993) pp. 77-86.

26 DOTY-D'AMBROSIO, M.R. Subject Access to Numismatic Literature: A Cataloger's Perspective. T. Hackens *et al.*(eds.), *Proceedings*

of the *XIth International Numismatic Congress* vol. 4 (Louvain-la-Neuve 1993) pp. 423-26.

27 DREESEN, H. Heraldiek en numismatiek. *JEGMP* 1993 pp. 127-44 illus.

28 DRUART, JACQUES. Les apprentis sorciers de la numismatique ou les effets pervers des symboles (1-4). *Vie num* 43 nos. 5-7 (1993) pp. 162-67, 189-94, 236-40, 266-71.

The author provides general information concerning symbols on a wide selection of coins of all periods and countries. (Johan van Heesch)

29 DUFOND, JEAN-LUC. Procédés de monnayage au début de ce siècle. *Vie num* 44 no. 8 (1994) pp. 225-34 illus.

30 FERIA, R. Los problemas actuales de los estudios numismáticos. Coleccionismo y archivo. Temas de discusión II. Archivo y exposición. *VIII Congreso de Numismática, Aviles 1992* (Madrid 1994) pp. 27-34.

31 FIEDLER, W. Art Robbery and the Protection of Cultural Property in Public International Law. T. Hackens *et al.*(eds.), *Proceedings of the XIth International Numismatic Congress* vol. 4 (Louvain-la-Neuve 1993) pp. 429-34.

32 GEHRMANN, WALTER. *Münzfunde in der Region Peine. Eine Zusammenfassung der bisher entdeckten Schätze.* Schriftenreihe des Kreismuseums Peine 4. Peine, Kreismuseum 1991. 49 pp.

Twenty-eight early hoards from antiquity to early modern times discovered in the Peine district are summarized. (Peter Ilisch)

33 GRIERSON, PHILIP. 'Spink's' in 1945. *NCirc* 100 no. 10 (Dec. 1992) pp. 336-37.

34 GUZZETTA, GIUSEPPE. Le monete. C. D'Angela, ed., *Gli scavi del 1953 nel Piano di Carpino (Foggia). Le terme e la necropoli altomedioevale della villa romana di Avicenna*, (Tarentum, Mediterraneo tardoantico e medievale, Scavi e Ricerche 5, 1988) pp. 73-86 illus.

The 57 coins found during excavations are presented and discussed. The coins, whose precise find-spots are not known, range from the first half of the third century

B.C. to the early ninth century A.D. Particular attention is paid to a fraction of a Lombard silver siliqua, attributed to Arichis (590-640) at the mint of Beneventum.

(A. Carignani)

35 HAUGSTED, IDA. Second Lieutenant Christian Giede—a Danish numismatist in Athens. *NNÅ* 1989-90 pp. 5-26 illus.

The brief life of Christian Giede (1809-36) is of great interest for the history of numismatics. He became the first curator of the National Coin Cabinet in Athens, established in 1836, but unfortunately he died at the end of the year.

(Ulla Westermarck)

36 INNEMANN, VOLKER. Der Numismatiker Gustav Lübcke (1868-1925). *NNb* 42 (1993) pp. 244-46 illus.

37 KLEIN, ULRICH. Münzkabinett. *Jahrbuch der Staatlichen Kunstsammlungen in Baden-Württemberg* 30 (1993) pp. 193-97 illus.

Reported are Celtic, Roman, and early modern South German coins acquired for the Stuttgart coin cabinet in 1992.

(Peter Ilisch)

38 KLEIN, ULRICH. Graf Eberhard im Bart als Münzsammler. Eberhard und Mechthild. Hans-Martin Maurer, ed., *Untersuchungen zu Politik und Kultur im ausgehenden Mittelalter* (Stuttgart, W. Kohlhammer-Verlag 1994) pp. 83-94 illus. ISBN 3-17-013124-9.

Annotations in a chronicle printed in 1481 reveal that count Eberhard of Württemberg was one of the earliest coin collectors. Included in his collection were coins of at least one Greek, 34 Roman, four Byzantine, two Carolingian and four late medieval rulers.

(Peter Ilisch)

39 KLUGE, BERND. Numismatik—vom Nutzen der Kleinen. Das Beispiel "Hamburg." *HBN* 36/38 (1982-84 [1993]) pp. 163-67.

40 KOKCKEN, M. Hieronymus van Busleyden 16e eeuw humanist en numismaat. *JEGMP* 1993 pp. 145-58 illus.

The author publishes a concise biography of H. van Busleyden (Arlon 1470-Bordeaux 1517), with a poem of Thomas Moore on van Busleyden as a numismatist.

(Johan van Heesch)

41 LANGBEIN, KURT. Der Historiker und Numismatiker Christian Schlegel. *Jahrbuch der Gesellschaft für Thüringer Münz- und Medaillenkunde* 6 (1994) pp. 88-97.

The author honors Christian Schlegel, who presided over the Gotha coin cabinet from 1712 to 1722. (Paul Arnold)

42 LESSEN, M. A "Review" of Henfrey's Journal. *NCirc* 102 no. 10 (Dec. 1994) pp. 441-42.

The author discusses a short-lived periodical by the late 19th-century numismatic author Henry William Henfrey (1852-81). (Stephen Doolan)

43 LUCAS, PAUL. Poésie et numismatique. *Vie num* 44 no. 10 pp. 318-19.

A poem (dated 1850) written by the French numismatist E. Jonnaert and concerning a coin of the French town Saint-Omer is published. (Johan van Heesch)

44 MAINETTI GAMBERA, E. Monete. G. Panazza-G.P. Brogiolo, *Ricerche su Brescia altomedievale, vol. 1. Gli studi fino al 1989. Lo scavo di via Alberto Mario* (Brescia 1988).

The author publishes 19 coins, ranging from the Trajanic period to the Middle Ages, found in excavations at Brescia. (A. Carignani)

45 MANVILLE, H.E. Spink's *Numismatic Circular*—the first 100 years. *NCirc* 100 no. 10 (Dec. 1992) pp. 338-39.

46 MAUÉ, HERMANN. Die Münzsammlung im Praunschen Kabinett. *Quellen zur Geschichte und Kultur der Stadt Nürnberg. Die Kunstsammlung des Paulus Praun* pp. 85-94.

The coin collection of Paulus Praun, part of a general art chamber, is discussed based on inventories from 1616, 1719 and 1797. (Peter Ilisch)

47 MAUÉ, HERMANN. Münzkabinett. *Germanisches Nationalmuseum, Erwerbungen, Geschenke, Leihgaben und Tätigkeitsbericht 1993. Anzeiger des Germanischen Nationalmuseums* (Germanisches Nationalmuseum, Nürnberg) 1994 pp. 231-43 illus.

Acquisitions made in 1993 and presented here include one Celtic quinarius, three medieval coins of Nürnberg and Bamberg, and 18 medals (16th to 20th centuries). (Peter Ilisch)

48 MAUÉ, HERMANN. Münzkabinett. *Anzeiger des Germanischen Nationalmuseums 1993* (Germanisches Nationalmuseum, Nürnberg) pp. 400-418 illus.

The author reports the acquisition of two guldens with counterstamps of the Franconian circle, three 18th century coins of Würzburg, ten baroque and seven 19th/20th century medals, and two medieval seals. *(Peter Ilisch)*

49 MEER, G. VAN DER. De prijsvragen en Verhandelingen van Teylers Tweede Genootschap 1779-1866, IV: numismatiek. *Teylers Magazijn* 34 (1992) pp. 9-15.

A learned society at Haarlem, founded in 1778, still holds essay competitions on given subjects each year. Three essays in the field of numismatics, which were awarded a gold prize medal in the period 1779-1866, are analyzed. *(Author)*

50 MISSERE FONTANA, FEDERICA. Raccolte numismatiche e scambi antiquari del secolo XVI. Enea Vico a Venezia. *NumAntClas* 23 (1994) pp. 343-83 illus.

A manuscript in the Biblioteca Estense in Modena contains notes of a 16th-century scholar, Enea Vico. In this document, dated to 1553-63, are various annotations on the numerous private numismatic collections of Venice and Padua (plus Bologna, Florence, and Rome). The author lists the various collectors in alphabetical order. *(A. Carignani)*

51 MORA SERRANO, B. Notas sobre numismática e historiografía: Berlanga y las homonoias Hispano-Africanas. *IX Congreso Nacional de Numismática, Elx 1994* (Elx 1994) pp. 67-74.

52 MORA SERRANO, B. La colección Gomez-Moreno de los fondos monetarios del Museo de Málaga. *VIII Congreso Nacional de Numismática, Aviles 1992* (Madrid 1994) pp. 425-48.

53 MOUCHARTE, GHISLAINE. Numismatique de Corcyre et de Corfou. *RBN* 140 (1994) pp. 95-98.

The author provides a short history of the coinage and monetary circulation at Corcyra based on the numismatic showcases at the archaeological museum of Corfu. *(Johan van Heesch)*

54 NORTH, MICHAEL. *Das Geld und seine Geschichte vom Mittelalter bis zur Gegenwart*. Munich, Verlag C.H. Beck 1994. 272 pp. illus.

55 OROL, A. *Homenage a Antonio Orol*. *Numisma* 42 no. 231. Madrid, SAIEN 1992. 312 pp.

- 56** OROSZ, JOEL. Picture perfect: the numismatic literature catalogs of Michael and Marlene Bourne, 1981-1983. *NLR* 1 no. 1 (Jan. 1995) pp. 3-6.

The two mail bid sales and three fixed price lists of the Bournes are described in detail, with background information on the brief history of the firm. (Joseph E. Boling)

- 57** PETROU-LYKIARDOPOULOU, M. Storage and Display Conditions in the Numismatic Museum of Athens. T. Hackens *et al.* (eds.), *Proceedings of the XIth International Numismatic Congress* vol. 4 (Louvain-la-Neuve 1993) pp. 435-38.

- 58** RAMON SANCHEZ, J. El monetario del Museo Arqueológico Provincial de Alicante. *IX Congreso Nacional de Numismática, Elx 1994* (Elx 1994) pp. 159-72.

- 59** ROGGE, MARC and LUC BEECKMANS, eds. *Geld uit de grond. Tweeduizend jaar muntgeschiedenis in Zuid-Oost-Vlaanderen*. Publicaties van het Provinciaal Archeologisch Museum van Zuid-Oost-Vlaanderen - Site Velzeke, buitengewone reeks N° 2. (Zottegem 1994). 216 pp. illus. French summary.

This book contains several contributions on coins and coin circulation in the province of East-Flanders in Belgium from the Celtic period to the 19th century.

(Johan van Heesch)

- 60** SAENZ-CHAS DIAZ, B. Los fondos numismáticos en los museos: inventario y catalogación. *VIII Congreso Nacional de Numismática, Aviles 1992* (Madrid 1994) pp. 571-79.

- 61** SCHEERS, SIMONE. Hommage à Anna Maria Balaguer i Prunés, lauréate du Prix quinquennal de numismatique 1994. *CENB* 31 no.4 (1994) pp. 78-80.

- 62** SCHOEVAERT, ANDRE. Goethe et la numismatique. *Vie num* 44 no. 8 (1994) p. 235.

- 63** SCHWAN, C. FREDERICK and JOSEPH E. BOLING. *World War Two Remembered: history in your hands—a numismatic study*. Port Clinton, Ohio, BNR Press 1995. 864 pp. ISBN 0-931960-40-1.

Numismatic emissions of all kinds (coins, tokens, notes, scrip, bonds, medals, decorations) that were created for or because of World War II (Allied, Axis, and neutrals), are catalogued with supporting historical sketches. (Author)

64 SICILIANO, ALDO. Note sulla raccolta numismatica. M. Mazzei, ed., *Bovino. Studi per la storia della città antica. La collezione museale* (Tarentum, La Colomba 1994) pp. 171-75.

The author presents some notes on the civic numismatic collection of Bovino in Puglia. (A. Carignani)

65 SMITH, PETE. Enjoying Sheldon on another level. *NLR* 1 no. 1 (Jan. 1995) pp. 6-7.

An approach to collecting numismatic literature is described, moving from buying books to use through collecting all editions of a book to collecting non-numismatic titles of numismatic authors. (Joseph E. Boling)

66 SØMOD, JØRGEN. Danish numismatics. *NLR* 1 no. 2 (March 1995), pp.1-3.

The principal Danish numismatists, numismatic authors, and their works since the 17th century are described. (Joseph E. Boling)

67 SORDA, SARA. Giuseppe Assandria tra monete e medaglie. M. Fessia, ed., *La memoria della cultura. Giuseppe Assandria a 150 anni dalla nascita, Atti del Convegno, Bene Vagienna 1990* (Cuneo, Associazione Culturale Amici de Bene 1994) pp. 73-78.

The article examines the publications, methodology, and collection of G. Assandria, Piedmontese scholar, who lived at Bene Vagienna (Cuneo) from 1840 to 1926. (Author)

68 SWEENEY, JAMES O. and ROBERT TURFBOER. *Tempus in Nummis*. Vol. 1, *The History and Fundamentals of Dating in Numismatics*. Vol. 2, *The Romantic Story of Time Themes in Numismatics*. Dallas, Numismatics International 1992. viii+175 pp. illus. and xii+254 pp.

Volume 1 covers all manner of numeral and numeration systems and dating systems, both eastern and western, with many formulas for converting dates between systems. The book ends with an explication of the chronogram, a system whereby dates were embedded in coin inscriptions. Volume 2 covers representations of time in numismatics, beginning with symbols for time or for events, followed by calendar medals, medals for events such as births, deaths, pivotal moments in time (century transitions, etc), anniversaries, and events. The thrust is toward how these subjects are presented, not to catalog the coins and medals themselves, although the appendices do include some listings of the items described. (Joseph E. Boling)

69 TRELIS MARTI, J. Los fondos numismáticos del Museo Arqueológico Municipal de Crevillente (Alicante). *IX Congreso Nacional de Numismática, Elx 1994* (Elx 1994) pp. 177-84.

70 TURFBOER, ROBERT. Reflections on the Non-Traditional Profile in Numismatic History. T. Hackens *et al.*(eds.), *Proceedings of the XIth International Numismatic Congress* vol. 4 (Louvain-la-Neuve 1993) pp. 447-49.

71 VAN HEESCH, JOHAN. Bibliographie de la numismatique belge 1992—Bibliografie van de Belgische numismatiek 1992. *RBN* 139 (1993) pp. 371-84.

The article also contains references, not necessarily mentioned in *NL*, to minor studies or excavation reports with information on coins found in Belgium (all periods) and new medals issued in Belgium. (Author)

72 VAN HEESCH, JOHAN. Bibliographie de la numismatique belge 1993—Bibliografie van de Belgische numismatiek 1993. *RBN* 140 (1994) pp. 177-88.

This bibliography also contains less scientific papers published in local numismatic and archaeological journals; these are not always cited in *NL*. (Author)

73 VEGA DE LA TORRE, J.R. Algunos datos sobre la colección Numismática antigua del Museo Municipal de Santander. *VIII Congreso Nacional de Numismática, Aviles 1992* (Madrid 1994) pp. 219-31.

74 VELDEN, P.M. VAN DER. De invloed van geldontwaarding op de uitgifte van moderne circulatiemunten. *Muntkoerier* 21 no. 6 (June 1992) pp. 4-7, no. 7 (July 1992) pp. 30-33, and no. 8 (Aug. 1992) pp. 4-6.

There is a continuous influence of inflation on the emission of modern coins for circulation. This is demonstrated by the disappearance of gold and silver and the increasing use of paper money and credit cards in the last decades. In addition, time and again higher denominations are introduced, while the lower ones vanish. Moreover, improvement of the monetary system by 'cutting away' one or more zeroes, after inflation has come to a standstill, is responsible for many new coins as well.

(Arent Pol)

75 VICO, J. "Mesa Redonda." Legislación internacional y adaptación de las normas españolas. *IX Congreso Nacional de Numismática, Elx 1994* (Elx 1994) pp. 93-97.

76 WERZ, ULRICH. Münzhändler und Münzhandel in Frankfurt/M. nach dem zweiten Weltkrieg. *GN* 29 no. 164 (1994) pp. 300-303.

77 ZEDELIUS, VOLKER. Die Münzen aus dem Gräberfeld von Wesel-Bislich. Das fränkische Gräberfeld von Wesel-Bislich II. Bericht II. *Zeitschrift für Archäologie des Mittelalters* (Cologne, Rheinland-Verlag GmbH.) 29 (1992) pp. 81-87 illus.

Fifteen coins (4 Byzantine, 10 Merovingian, 2 Carolingian) from a Frankish cemetery are published. The author discusses the archaeological circumstances of the finds.
(*Peter Ilisch*)

TECHNOLOGY AND METHODOLOGY

78 ANGAL, D.G., R.P. BHADANE, and N.S. RAJURKAR. Non-Destructive Analysis of Ancient Coins from Different Eras Using Cf-252 Neutron Source. T. Hackens *et al.* (eds.), *Proceedings of the XIth International Numismatic Congress* vol. 3 (Louvain-la-Neuve 1993) pp. 221-26.

79 BONINCONTRO, I. and P. CALABRIA. Un'applicazione del modello relazionale ad una banca-dati per la numismatica. T. Hackens *et al.*(eds.), *Proceedings of the XIth International Numismatic Congress* vol. 4 (Louvain-la-Neuve 1993) pp. 397-400.

80 DELAMARE, F. Modeling the Wear of Coins. The Tribologist's Point of View. T. Hackens *et al.*(eds.), *Proceedings of the XIth International Numismatic Congress* vol. 4 (Louvain-la-Neuve 1993) pp. 349-60.

81 ELSSEN, JEAN. Masses, poids, balances et pesées. *JEListeFPL* 153 (1993) pp. 3-15.

82 FELIU ORTEGA, M.J., M.D. LOPEZ DE LA ORDEN, and J. MARTIN CALLEJA. Caracterización mediante microscopia electrónica de barrido (SEM) de monedas romanas de Villamartin (Cádiz). *IX Congreso Nacional de Numismática, Elx 1994* (Elx 1994) pp. 247-62.

83 GEORGIADES, A. The Case for Chemical or Mechanical Cleaning of Coins. T. Hackens *et al.*(eds.), *Proceedings of the XIth International Numismatic Congress* vol. 4 (Louvain-la-Neuve 1993) pp. 443-44.

84 HACKENS, TONY and GHISLAINE MOUCHARTE, eds. *Technology and Analysis of Ancient Gemstones. Technologie et analyse des gemmes anciennes. Actes de l'Atelier Européen tenu à Revello, Centre Universitaire pour les Biens culturels du 13 au 16 novembre 1987. PACT* No. 23. Louvain-la-Neuve 1987 (1993). 458 pp.

This book contains two contributions, one of T. Hackens and one of F. Vanni, on the relation between coin- and gemstone-engravers. (Johan van Heesch)

- 85** HAMMER, PETER. Probiervorschriften von Lazarus Ercker zur Einhaltung des Feingehaltes von Silvermünzen. *Lazarus Ercker—sein Leben und seine Zeit* (Schneeberg, Annaberg-Buchholz 1994) pp. 81-84.
- 86** HOLMBERG, K. Use of a PC-based Image Database in Numismatic Applications. T. Hackens *et al.*(eds.), *Proceedings of the XIth International Numismatic Congress* vol. 4 (Louvain-la-Neuve 1993) pp. 387-98.
- 87** LACAM, G. and J.-L. LEBRUN. Procédé de différenciation des monnaies et bijoux d'or antiques des contrefaçons contemporaines. T. Hackens *et al.*(eds.), *Proceedings of the XIth International Numismatic Congress* vol. 4 (Louvain-la-Neuve 1993) pp. 361-68.
- 88** MANVILLE, H.E. Early Milled Minting Methods, as Illustrated by British Mis-strikes and other Errors. T. Hackens *et al.*(eds.), *Proceedings of the XIth International Numismatic Congress* vol. 4 (Louvain-la-Neuve 1993) pp. 371-76.
- 89** MARCONI, M., P. SERAFIN-PETRILLO, M. TONSINI, and T. VOLK. Studies in Computer Applications. T. Hackens *et al.*(eds.), *Proceedings of the XIth International Numismatic Congress* vol. 2 (Louvain-la-Neuve 1993) pp. 195-228.
- 90** MARTIN CALLEJA, J., M.J. FELIU ORTEGA, and J. MORAL DE DIOS. Addenda: análisis de monedas por microscopia electrónica de barrido (SEM). *VIII Congreso Nacional de Numismática, Aviles 1992* (Madrid 1994) pp. 463-71.
- 91** MARTIN GIL, J. Estudio del análisis metalográfica en el monetario de Zamora. *IX Congreso Nacional de Numismática, Elx 1994* (Elx 1994) pp. 129-30.
- 92** MARTINI, R., N. VISMARA, C. BUI, I. CALLIARI and M. MILAZZO. Sigloi, monetazione licia: evidenze critiche delle analisi X.R.F. T. Hackens *et al.* (eds.), *Proceedings of the XIth International Numismatic Congress* vol. 1 (Louvain-la-Neuve 1993) pp. 229-36.
- 93** PARRADO CUESTA, M.S. Análisis metalográfica en el monetario del Museo de Zamora. *IX Congreso Nacional de Numismática, Elx 1994* (Elx 1994) pp. 107-28.

94 PETROU-LYKIARDOPOULOU, M. Discussion on the Different Cleaning Processes Applied on Coins. T. Hackens *et al.*(eds.), *Proceedings of the XIth International Numismatic Congress* vol. 4 (Louvain-la-Neuve 1993) pp. 439-42.

95 *Rijksmuseum Het Koninklijk Penningkabinet. Het reinigen van munten en penningen [The cleaning of coins and medals].* Leiden 1993. 12 pp.

This condensed publication describes methods of cleaning gold, silver, bronze, and other coins. An introduction spelling out general rules is followed by a list of chemicals to be used, indicating their chemical formulas. The main part deals with how to treat the various metals, considering the nature of incrustation or discoloration. A brief appendix mentions the Netherlands law covering coin hoards (half belongs to the finder and half to the property owner) and stresses the importance to science of having hoards registered at the Penningkabinet. (Mark M. Salton)

96 VILLARONGA, L. ¿Chi-quadrada o regresión? *IX Congreso Nacional de Numismática, Elx 1994* (Elx 1994) pp. 279-80.

97 VIOLA, M. Goniomètre pour la mesure des axes des coins. T. Hackens *et al.*(eds.), *Proceedings of the XIth International Numismatic Congress* vol. 4 (Louvain-la-Neuve 1993) pp. 369-70.

For additional references to Technology and Methodology, see the following abstracts:

Greek, Nos. 294, 297

Roman, Nos. 380, 523

India and South Asia, Nos. 692, 693

Far East, Nos. 747, 748

Great Britain and Ireland, No. 797

Western and Central Europe, No. 919

Paper Money, No. 1345.

GREEK

98 ALFARO ASINS, C. Monedas cartaginesas y norteafricanas halladas en Ampurias. *Huelva Arqueologica* 13, 2 (1991), Symposium "Iberos y Griegos," April 1991 pp. 175-201.

99 ALFARO ASINS, C. and C. MARCOS ALONSO. Tesorillo de moneda cartaginesa hallado en la Torre de Doña Blanca (Puerto de Santa Maria). *ArchEspArq* 67 (1994) pp. 229-44.

100 ALONSO RODRIGUEZ, C. and M. RODRIGUEZ DE ZULUOGA. Aportación al catálogo de plomos monetiformes de Hispania. La tessera de Peunte Melchor (Puerto Real, Cadiz). *VIII Congreso Nacional de Numismática, Aviles 1992* (Madrid 1994) pp. 449-53.

101 AMANDRY, M. Manipulations, innovations monétaires et techniques financières dans le monde grec. T. Hackens *et al.* (eds.), *Proceedings of the XIth International Numismatic Congress* vol. 1 (Louvain-la-Neuve 1993) pp. 1-8.

102 AREVALO GONZALEZ, A. and A. CANTO GARCIA. Moneda y Arqueología. El ejemplo de Ciudad Real. *GacNum* 115 (1994) pp. 5-18.

103 AREVALO GONZALEZ, A. La dispersión de las monedas de Ilipa Magna (Ilipense). *IX Congreso Nacional de Numismática, Elx 1994* (Elx 1994) pp. 39-48.

104 ASHTON, R. The Attalid Poll-Tax. *NCirc* 102 no. 4 (May 1994) pp. 159-60.

105 ASSAR, G.R. Some Remarks Concerning the Parthian Gold Coins: the Parthian Calendars. T. Hackens *et al.* (eds.), *Proceedings of the XIth International Numismatic Congress* vol. 1 (Louvain-la-Neuve 1993) pp. 289-94.

106 BARAG, D. New Evidence on the Foreign Policy of John Hyrcanus I. *INJ* 12 (1992/3 [1994]) pp. 1-12.

The author shows by analyzing the coins found in excavations at Marisa, Tel Beer-Sheva, Mt. Gerizim, Shechem, and Samaria that the destruction and conquest of these sites by John Hyrcanus I took place between 112 and 110 B.C. and not as hitherto assumed in or immediately after the second reign of Demetrius II (130-125 B.C.).
(Arnold Spaer)

107 BARAG, D. A Coin of Mattathias Antigonas and the Shape of the Showbread. *Qadmoniot* 27, parts 105-6 (1994) pp. 43-44 illus. In Hebrew.

Very rare pieces of the Prutoth of the last Hasmonean King Antigonus (40-37 B.C.) with a candelabrum on the obverse and a table on the reverse (*BMC* 56) also show an object on the table. The writer identifies this as the Showbread on the Table in the Temple. He refers to the sources which state that the length of the Showbread was 105 cm. and its width 52.5 cm., whilst its shape resembled the lower part of a ship.
(*Arnold Spaer*)

108 BARAG, D. Bagoas and the Coinage of Judea. T. Hackens *et al.* (eds.), *Proceedings of the XIth International Numismatic Congress* vol. 1 (Louvain-la-Neuve 1993) pp. 261-66.

109 BARELLO, F. Economia coniazioni e circolazione monetale a Locri Epizephyrii (Bruttium). T. Hackens *et al.* (eds.), *Proceedings of the XIth International Numismatic Congress* vol. 1 (Louvain-la-Neuve 1993) pp. 53-64.

110 BARENGHI, F. Le trésor monétaire de Serra Riccò. T. Hackens *et al.* (eds.), *Proceedings of the XIth International Numismatic Congress* vol. 2 (Louvain-la-Neuve 1993) pp. 63-66.

111 BARKAY, R. The Marisa Hoard of Seleucid Tetradrachms minted in Ascalon. *INJ* 12 (1992/93 [1994]) pp. 21-26 illus.

A pot hoard of 25 Seleucid tetradrachms of Phoenician standard struck at the mint of Ascalon was found during excavations at Marisa. They cover the period from 191 A.S. (122/1 B.C.) to 200 A.S. (113/2 B.C.). They probably were buried about the time of the destruction of Marisa by John Hyrcanus I ca. 111 B.C.
(*Arnold Spaer*)

112 BARKAY, R. Dionysus the God of Wine on City Coins of the Land of Israel. *Ariel* 102-3 (1994) pp. 147-56 illus. In Hebrew.

This is a description and illustration of the numerous Greek Imperial issues of Palestine depicting Dionysus in various forms and context. In particular, the author discusses the coins of Nysa-Scythopolis (Beisan), Raphia (Rafa), and Lod (Lydda).

(*Arnold Spaer*)

113 BAROUKH, J. Hebron - ed Deir. *Hadashot Arch* 101-2 (1994) pp. 105-106. In Hebrew.

Coin finds in this excavation included a coin of Alexander Jannaeus, three of Herod, one of the Procurator Ambibulus, and a Byzantine and a Mamluk piece.

(*Arnold Spaer*)

- 114** BEAN, S.C. British Celtic coins added to the Finney collection, 1991: some further observations. *NCirc* 100 no. 9 (Nov. 1992) p. 303.
- 115** BEAN, S.C. Early British Celtic staters: British A (VA 200-1, 202-1) and British C (VA 1220). *NCirc* 101 no. 8 (Oct. 1993) pp. 286-88.
- 116** BEAN, S.C. The Coinage of the British Atrebates: The Sons of Commius. T. Hackens *et al.*(eds.), *Proceedings of the XIth International Numismatic Congress* vol. 2 (Louvain-la-Neuve 1993) pp. 1-6.
- 117** BELTRAN, A. Monedas y Historia: la fundación de Ilice, hace dos mil años, según sus acuñaciones. *IX Congreso Nacional de Numismática, Elx 1994* (Elx 1994) pp. 229-32.
- 118** BÉREND, D. De l'appellation des monnaies d'or du monde grec. T. Hackens *et al.* (eds.), *Proceedings of the XIth International Numismatic Congress* vol. 1 (Louvain-la-Neuve 1993) pp. 9-12.
- 119** BHATIA, P. Bawan Hoard of Indo-Sasanian Coins. T. Hackens *et al.*(eds.), *Proceedings of the XIth International Numismatic Congress* vol. 3 (Louvain-la-Neuve 1993) pp. 249-58.
- 120** BONACIĆ -MANDINIĆ, MAJA. Novac Herakleje u Arheološkom muzeju u Splitu [Coins of Heracleia in the Archaeological Museum in Split]. *Vjesnik za arheologiju i historiju dalmatinsku* 81 (1988) pp. 65-80 illus. English summary.
- The Split museum counts in its collection 89 coins of this Greek colony, whose site is still unidentified. Coin finds on Hvar suggest that Heracleia was situated on this island. The issues are on the Syracusan bronze standard, with a unit of ca. 16 grams, half-unit of ca. 7 grams, and a third-unit of ca. 3 grams. Identified are five obverse dies and ten reverse dies of the unit, three obverse and four reverse dies of the half-unit, and one die of the third-unit. Minting activity appears to have been short-lived, with the Ionios and DI overstrikes marking the end of Heracleian autonomy.
- (Charles B. Smith, Jr.)
- 121** BONNECHÈRE, P. Numismatique et religion grecque. L'intérêt d'une bibliographie critique. T. Hackens *et al.* (eds.), *Proceedings of the XIth International Numismatic Congress* vol. 1 (Louvain-la-Neuve 1993) pp. 23-27.

122 BOPEARACHCHI, OSMUND. New Numismatic Evidence on the History of the Greeks in India. *ICSN* 13 (March 1992).

In this summary of a lecture delivered by the author, the importance of coins for the Graeco-Bactrian history, the methods used by the author in his research, and their principal results are highlighted. (Amiteshwar Jha)

123 BOPEARACHCHI, OSMUND. Representation of Ganesa on Indo-Greek Coins: Fact or Fiction? *ICSN* 17 (Nov. 1992).

The author is of the view that A.K. Narain's hypothesis about the representation of the elephant-headed deity, Ganesha, on a silver drachm of the Indo-Greek Hermaeus is based on mistaken identity. He suggests that the coin was not struck by the Greeks but by their nomadic successors and that the deity is certainly Zeus-Mithra and not Ganesha. (Amiteshwar Jha)

124 BOPEARACHCHI, OSMUND. *Indo-Greek, Indo-Scythian and Indo-Parthian Coins in the Smithsonian Collection.* New Delhi, Manohar Publishers 1993. 143 pp. illus.

125 BOYNE, W. *Catalogue of the Greek coins in the collection of William Boyne.* 1885. In the Thomas Fisher Rare Book Library, University of Toronto. Catalogue of MS Coll. William Boyne no. 12.

This is an unpublished manuscript held at the University of Toronto.

(Mark E. Tooth)

126 BRINDLEY, J.C. Early coinages attributable to Issus. *NC* 153 (1993) pp. 1-10 illus.

Six issues, starting at the end of the fifth century B.C., are shown to precede the "walking lion" staters of Mazaeus (ca. 361 B.C.) which have recently been reattributed to the Issus mint. On the first three of these an abbreviated Aramaic inscription probably represents the name of a local ruler; it is replaced by a second, comparable, inscription within group 3. The well-known Baal/Ahuramazda staters of Tiribazus (group 4) substitute the Greek ethnic of Issus for the Aramaic letters, and their obverse type is that of group 3. Continuity of fabric, style and types shows this to be a regular series and further supports the Issus reattribution of the "walking lion" staters. (Author)

127 BRINDLEY, J.C. A Note on the Amazon Coins of Soli in Cilicia. *NCirc* 102 no. 6 (July 1994) pp. 264-65 illus.

128 BRINDLEY, J.C. Some Silver Fractions of Tarsus. *NCirc* 102 no. 9 (Nov. 1994) pp. 400-401 illus.

129 BURNETT, A. A new Iron Age issue from near Chichester. *NCirc* 100 no. 10 (Dec. 1992) pp. 340-42 illus.

130 BURRER, FRIEDRICH. *Münzprägung und Geschichte des Thessalischen Bundes in der römischen Kaiserzeit (31 v.Chr. - 138 n.Chr.). Saarbrücker Studien zur Archäologie und Alten Geschichte vol.7.* Saarbrücken, Saarbrückerei Druckerei und Verlag 1993. 212 pp. illus.

131 CALLATAÿ, FRANÇOIS DE and I. PROKOPOV. A Late Alexander of Mesembria over Athens. *NCirc* 102 no. 4 (April 1994) p. 207 illus.

The authors publish a late tetradrachm of Alexander of Mesembria overstruck on a tetradrachm of Athens. This piece belongs to the Rudnik hoard (near Burgas in Bulgaria). The Athenian tetradrachm dates to ca. 123/2 B.C. (Authors)

132 CALLATAÿ, FRANÇOIS DE and I. PROKOPOV. An Overstrike of a Hellenistic Tetradrachm of Thasian Type on Athens in the Popina Hoard (*IGCH* 930). *NomChron* 13 (1994) pp. 37-42. In English with Greek translation.

A tetradrachm of Thasian type found in the Popina hoard (*IGCH* 930, museum of Silistra) is overstruck on an Athenian tetradrachm. Enough remains to attribute this Athenian piece to the Heracleides-Eukles issue (struck in the last decade of the second century B.C.). It is an important piece of evidence related to the use and withdrawal of Athenian currency for this area. (Authors)

133 CALLATAÿ, FRANÇOIS DE. Deux faux récents des derniers alexandres de Mésembria et d'Odessos. *CahN* 29 no. 111 (March 1992) pp. 7-8.

Two modern forgeries of late Alexanders from Mesembria and Odessus are published. It must be noted that the counterfeiter has inverted the obverse dies in a rather clumsy manner. (Author)

134 CALLATAÿ, FRANÇOIS DE and CAROLINE MATTHEEUWS. A propos d'une série exceptionnelle de grands bronzes thasiens (fin IV^e-début III^e siècle). *BCH* 117/1 (1993) pp. 481-90 illus.

A hoard of large Thasian bronze coins was bought by the Brussels Coin Cabinet. These coins depict the veiled head of Demeter and the heads of the Dioscuri inscribed in an ivy-leaf. The 35 specimens were struck with 25 obverse dies and 29 reverse dies. All are countermarked with a club and several are overstruck on older Thasian coins. A close attention to the weights permits identification of different phases of production. (Authors)

135 CALLATAÿ, FRANÇOIS DE. Estimation du nombre originel de coins: en augmentant l'échantillon... *Acta Numismatica* 21-23 (1993) pp. 31-48.

Trying to estimate the validity of the many statistical methods relating to the original number of dies, this study explores a new approach: namely to compare the results obtained for the same coinage but with samples of different sizes. Many Hellenistic coinages are involved in this attempt. The results obtained with the two most popular methods (G.F. Carter and W.W. Esty) are not only rather similar but also—and more interestingly—concordant with what we can observe. (Author)

136 CALLATAÿ, FRANÇOIS DE. Les derniers alexandres posthumes frappés à Odessos et Mésembria. *Studies on Settlement Life in Ancient Thrace. Proceedings of the IIIrd International Symposium "Cabyle" 17-21 May 1993, Jambol*. Jambol (1994) pp. 300-342.

A die study is proposed for the late tetradrachms of Alexander struck at the end of the 2nd century B.C. and the beginning of the 1st century B.C. at the mints of Odessus and Mesembria. This involves 226 coins for Odessus (36 obverse dies) and 490 for Mesembria (52 obverse dies). The study of hoards and metrology adds useful information for the establishment of relative and absolute chronologies. Strong scepticism is expressed concerning the supposed representation of Mithridates VI of Pontus on these tetradrachms. (Author)

137 CALLATAÿ, FRANÇOIS DE. *Les tétradrachmes d'Orodès II et de Phraate IV. Étude de rythme de leur production monétaire à la lumière d'une grande trouvaille*. *Studia Iranica* 14 (1994). 96 pp. illus. ISBN 2-910640-00-0.

This study of an exceptional collection of 430 tetradrachms of Orodes II (ca. 57-38 B.C.) and of Phraates IV (ca. 38-32 B.C.) allows, for the first time in Parthian numismatics, a die study. The case in point is all the more favorable as most of the Phraates IV issues are dated to the nearest month. 355 coins were struck in less than 5 years, from March of 27 to September of 23 B.C. The benefits of this situation are numerous: a new classification based on the chronology and no longer on types, a study of the frequency and volume of these issues, a comparison of this frequency with historical events as reported in written sources, a comparison of this frequency with other coinages of reference, a study of weights, etc. (Author)

138 CALLATAÿ, FRANÇOIS DE. Réflexions sur les ateliers d'Asie mineure d'Alexandre le Grand. *Trésors et circulation monétaire en Anatolie antique* (Paris 1994) pp. 19-35 illus.

This survey article on the mints of Alexander in Asia Minor focuses on the problems of methodology. Some widespread traditional approaches to topics including the absolute chronology, pattern of issues, attributions to one mint rather

than another, the links between coinage and politics, and metrological questions turn out to be inadequate in dealing with a study of the actual material. The study also tries to increase our understanding of the question of why Alexander appears to have had his Asia Minor mints specialize in striking drachms. (Author)

139 CALLATAÿ, FRANÇOIS DE. Cabinet des Médailles. *Bibliothèque Royale Albert Ier. Vingt-cinq années d'acquisitions 1969-1994* (Brussels 1994) pp. 60-65 illus.

Seven exceptional acquisitions made between 1969 and 1994 are published and illustrated, including a signed tetradrachm of Lysimachus, a solidus of Majorianus (Ravenna, 457-61), a heavy piefort for Albert and Isabella (Brussels, 1619), as well as a double sovereign for Philip IV (Anvers, 1644), a great collar of the Golden Fleece. (Author)

140 CAMPO, M. Moneda griega y púnica de Hispania: las primeras emisiones. *IX Congreso Nacional de Numismática, Elx 1994* (Elx 1994) pp. 75-92.

141 CANCIO, L. The Wappenmünzen—an Athenian Beetle. *NCirc* 102 no. 1 (Feb. 1994) p. 6 illus.

142 CANCIO, L. Athenian Miscellanea II. *NCirc* 102 no. 7 (Sept. 1994) pp. 303-305 illus.

143 CARBÉ, ANNA. Elementi per una storia della circolazione monetale a Messina. *Archivio Storico Messinese* 63 (Messina, Società Messinese di Storia Patria 1993) pp. 5-65 illus.

Based on the discovery of hoards and other sporadic finds, the author attempts to reconstruct the monetary circulation at Messina between the fifth century B.C. and the Byzantine period. (A. Carignani)

144 CARROCCIO, BENEDETTO. La monetazione aurea di Ierone II ed il problema dell'organizzazione della zecca siracusana negli anni del suo regno. T. Hackens *et al.* (eds.), *Proceedings of the XIth International Numismatic Congress* vol. 1 (Louvain-la-Neuve 1993) pp. 65-70.

145 CARROCCIO, BENEDETTO. *La monetazione aurea ed argentea di Ierone II*. Turin, Circolo Numismatico Turinese 1994. 163 pp. illus.

The author discusses various issues concerning the Syracusan issues in gold and silver in the age of Hieron II (275-215 B.C.), against a backdrop of the political and economic events in the history of the city. (A. Carignani)

146 CASTAÑO, D.E. Actualización de la moneda de Carthago-Nova. *VIII Congreso Nacional de Numismática, Aviles 1992* (Madrid 1994) pp. 167-69.

147 CATALLI, FIORENZO. Esperienze monetali. M. Bonghi and C. Chiaramonte Trere, eds., *Tarquinia; ricerche, scavi e prospettive*, Atti del Convegno di Studi *La Lombardia per gli Etruschi* (Milan, Edizioni ET 1988) pp. 261-63 illus.

The author provides a broad synthesis of the current state of research on Etruscan coinage. In particular, he examines the mint of Tarquinia. (A. Carignani)

148 CAVADA NIETO, M. Hallazgos monetarios del siglo III en el territorio de la Galicia actual. *VIII Congreso Nacional de Numismática, Aviles 1992* (Madrid 1994) pp. 331-58.

149 COTTAM, G.L. Van Arsdell type 355—Commios or Tincommios? *NCirc* 100 vol. 9 (Nov. 1992) p. 303 illus.

150 COTTAM, G.L. A possible minim coinage of Vep Corf. *NCirc* 100 no. 9 (Nov. 1992) p. 305 illus.

151 CUDDEFORD, M.J. A New Variety of Cunobelin Quarter-Stater. *NCirc* 102 no. 7 (Sept. 1994) p. 305 illus.

152 DAVIDDE, BARBARA. Commento alla collezione di monete sudarabiche conservate nel Medagliere milanese. *NotChiostroMonMagg* 51-52 (1993) pp. 55-70 illus.

The author analyzes the typology of coins struck in the reigns of Saba and du Raydan in southern Arabia between the fourth century B.C. and the second century A.D. Initially struck on the Athenian model, the issues begin to display originality beginning in the first century B.C. (A. Carignani)

153 DEBORD, J. Figuration d'une légende de la mythologie germanique sur une monnaie gauloise tardive en potin. T. Hackens *et al.* (eds.), *Proceedings of the XIth International Numismatic Congress* vol. 2 (Louvain-la-Neuve 1993) pp. 37-42.

154 DE JERSEY, PHILIP. A new quarter stater for British G? *NCirc* 101 no. 7 (Sept. 1993) pp. 236-37 illus.

155 DE JERSEY, PHILIP. Some modern Corieltauvian forgeries. *NCirc* 101 no. 10 (Dec. 1993) pp. 347-48 illus.

156 DEMARTIS, G.M. La necropoli di Puttu Codinu. *Sardegna Archeologica* 13 (Sassari, Carlo Delfino Editore 1991).

The author publishes a bronze Punic coin of 241-238 B.C. found in the necropolis of Puttu Codinu in Sardinia. (A. Carignani)

157 DESTROOPER-GEORGIADIS, A. Le monnayage de Pumiathon de Kition (362/361-312 av. J.-C.) dans le cadre des événements historiques de l'île. Son apport à l'histoire. T. Hackens *et al.* (eds.), *Proceedings of the XIth International Numismatic Congress* vol. 1 (Louvain-la-Neuve 1993) pp. 249-60.

158 DEUTSCH, R. A Unique Prutah from the First Year of the Jewish War Against Rome. *INJ* 12 (1992/93 [1994]) pp. 71-72 illus.

Hitherto only copper coins dated Year 2 and later of the First Jewish Revolt were known. A coin dated Year 1 and of a type similar to the Prutoth of Years 2 and 3 has now been discovered and is described in this note. (Arnold Spaer)

159 DIMITROV, KAMEN. On the problem of the inter-balkan trade relations during the early Hellenistic age: the coin hoard IGCH 435. *ÉtBalkan* 4 (1988) pp. 115-25.

The hoard, entirely preserved in the Archaeological Museum-Sofia, consists of 31 "Alexander" tetradrachms, 4 of which are imitations. The burial date (in *IGCH* "late 4th century") is corrected to ca. 270-60 B.C. The composition reflects penetration of coin mass from Macedonia and from the northern Danubian region (Oltenia?) to the area of the burial near the village of Ogoia, 20 km. northeast of Sofia. It seems it was of commercial importance, older traditions being noticed through Thasos-I period staters, found in the lands between the Balkan and the Danube. These traditions were not even affected by the invasion of the Celts in 279-77, as attested by the Macedonian issues of 277-273/1 in the hoard. (Author)

160 DIMITROV, KAMEN. Les premières monnaies de type alexandrien, battues sur le littoral occidental de la Mer noire. *Muzei i pametnici na kulturata* (Museums and monuments of the culture) 4 (1987) pp. 55-59, 62. In Bulgarian, with French summary.

Some civic "Alexander" tetradrachms are published, struck at Callatis, Odesos and Mesembria Pontica. New varieties are attributed to Sinope and Mytilene on stylistic grounds. A variety of Odesos is obverse-die linked to Armenak No. 160, no control (M. Thompson, *MN* 31, 1986). All coins come either from *IGCH* 859 (Varna-

Odessos), buried ca. 270-65 B.C., or from a hoard from Botevo, near Varna, buried ca. 277-75 B.C. Thus the earliest civic "Alexanders" in silver and gold on the western shore of the Black Sea are dated ca. 280-75 B.C. (Author)

161 DIMITROV, KAMEN. A hoard of Hellenistic silver coins from Nova Zagora (IGCH 839). *Bulletin de la Société Historique Bulgare* 39 (1987) pp. 61-69. In Bulgarian, with English summary.

The hoard consists of 22 "Alexanders:" 17 tetradrachms and 5 drachms. The burial date (in IGCH ca. 300) is lowered slightly to 295-90 B.C. The hoard reflects penetration of coin mass from Asia Minor via the Black Sea or the Aegean shores to the domains of the local dynast Spartocus of Cabyle (modern Jambol), who adopted title of king probably ca. 295-90 B.C. (Author)

162 DIMITROV, KAMEN. Le trésor monétaire de la ville de Biala. *Muzei i pametnici na kulturata (Museums and monuments of the culture)* 4 (1988) pp. 47-51, 63. In Bulgarian, with French summary.

The part of the hoard (IGCH 398) in consideration consists of tetradrachms: 11 "Philip II," 8 early imitations of the same type with "A-torch-dolphin" marking and one "Alexander." The burial date (in IGCH 325-20) is lowered to ca. 295-90 B.C. The mint of the imitations is supposed to have been in the area of Biala, an earlier Thracian dynastic center being located there. (Author)

163 DIMITROV, KAMEN. Trésor de statères d'or de Topolovo (IGCH 853). *Bulletin of the museums in South Bulgaria* 15 (1989) pp. 189-207. In Bulgarian, with French summary.

106 "Philip" and "Alexander" staters of that hoard, preserved in several public collections, are classified. New varieties of Seleucia on the Tigris and Babylon without controls are identified. Two obverse-die linked varieties (controls "Helios head" and "caduceus-eight pointed star") are attributed to Cyprus-Cilicia on stylistic similarity to an issue of Salamis. The burial of the hoard is fixed to ca. 285-80 B.C. (Author)

164 DIMITROV, KAMEN. Contribution à l'étude du monnayage du bronze de Mesembria Pontica à l'époque hellénistique. *Thracia Pontica* 5 (1994) pp. 191-94.

A bronze coin of Mesembria "Amazone/Athena Alkis," T-issue, style "C" is published. It is overstruck on a coin of Cabyle "Apollo/Artemis," minted ca. 265-50 B.C. The whole Mesembria "Athena Alkis" T-issue group is to be dated earlier than believed up to now, ca. 280/275-50 B.C. It began at the same time as the first "Alexander" issues of Mesembria. (Author)

165 DIMITROV, KAMEN. The contacts of Thrace during the early Hellenistic Age, reflected in some coin hoards. *Bulgarian Historical Review* 4 (1990) pp. 47-65.

New hoards of "Alexanders" are published. Of the hoard of Dobroudja, of several hundred "Philip" and "Alexander" staters, 25 specimens are identified in the inventory of the Archaeological Museum in Sofia. The burial is dated ca. 305-300 B.C. The hoard is similar in composition to *IGCH* 395-Samovodene, previously redated by the author to ca. 323-22 B.C. (see *ÉtBalkan* 3, 1987) and to *IGCH* 796-Varna. The main components in these hoards ("Philips" of LeRider's group II) started from Macedonia to the Black Sea centers and further to the lands of the Thracians, possibly for payments of the mercenaries of Alexander the Great and, later, Lysimachus, or for the needs of the Macedonian garrisons and administration. Two hoards of "Alexander" drachms are published as well: *IGCH* 850 (Byrsine), on data obtained from M. Price, and a hoard from Dragoevo near Shoumen, Bulgaria, on data in the inventory of the Archaeological Museum in Sofia. They are similar in composition to *IGCH* 849 (Blagoun), but have later burial dates: 295-90 (Blagoun), ca. 280 (Byrsine), and ca. 280-70 (Dragoevo). (Author)

166 DIMITROV, KAMEN. Unpublished coin hoards from early Hellenistic Thrace. *Bulgarian Historical Review* 3 (1993) pp. 49-54.

Most of the hoards under consideration consist of hemidrachms of Parion and of Thracian Chersonesus: *IGCH* 736 (Pamidovo), buried ca. 340-35; *IGCH* 735 (Pamidovo), ca. 315; *IGCH* 748 (Gorni Voden), ca. 330-20; a hoard from Dolnoslav, near Asenovgrad, ca. 320-15; and a hoard from the region of Plovdiv, buried ca. 315-10 B.C. Only parts of them are preserved in the Bulgarian museums. A part of *IGCH* 830 (Momcilovci) is also examined. It consists of 13 "Alexander" drachms (and not of "Philip" and "Alexander" drachms as reported in *IGCH*). The burial date is also corrected to ca. 330-290 B.C. The hoard illustrates movement of coins from Asia Minor to the Aegean coast of Thrace and to the area of the Western Rhodops.

(Author)

167 DIMITROV, KAMEN. The development of Thrace in the early Hellenistic age (340-270 B.C.) according to hoards of coins of Philip II and Alexander the Great types. *Bulgarian Historical Review (Istoriceski pregled)* 2 (1990) pp. 20-38. In Bulgarian, with English summary.

The paper analyzes six groups of hoards containing gold, silver, and bronze coins of types Philip II and Alexander the Great, buried in Thrace during the Early Hellenistic Age. Each of these groups outlines the initial regions and centers, the routes and the historical circumstances of the penetration and propagation of the coin bulk in Thrace. A dual universalism of the coin circulation and adherence to Asia Minor and Macedonia are outlined. Through these two areas Thrace was included as a natural end point in the coin traffic coming from Egypt, Phoenicia, and Babylonia.

(Author)

168 DIMITROV, KAMEN. Treasure of autonomous coins, trade relations and infrastructure of Thrace during the 4th century B.C. *Bulgarian Historical Review (Istoriceski pregled)* 8 (1989) pp. 21-35. In Bulgarian, with English summary.

The paper follows up the movement of seven groups of autonomous coins from hoards buried during the 4th century B.C.: Parion and Thracian Chersonesus, Kyzikos, Byzantion and Kalhedon, Apolonia Pontika, Histria, Thasos and imitations, and Maroneia. The hoards with archaic drachms of Parion are dated about 385-50, and the imitation of Thasos coins is localized in the Thracian hinterland across the island.

(Author)

169 DIMITROV, KAMEN. Le monnayage et l'idéologie royale en Thrace préhellénistique (fin du VI^e-première moitié du IV^e s. av. J.-C.). T. Hackens *et al.* (eds.), *Proceedings of the XIth International Numismatic Congress* vol. 1 (Louvain-la-Neuve 1993) pp. 151-64.

170 DRAGANOV, D. An Unknown Hybrid Hemidrachm of Parium and Thracian Chersonesus. T. Hackens *et al.* (eds.), *Proceedings of the XIth International Numismatic Congress* vol. 1 (Louvain-la-Neuve 1993) pp. 169-72.

171 DRUART, J. Le monnayage indo-grec de Bactriane. *Vie num* 43 no. 2 (1993) pp. 39-57 illus.

This article, written for collectors, is a general introduction to the coins of Bactria.

(Johan van Heesch)

172 DÜRR, MICHEL E. Les statères de Téroné. *NumAntClas* 23 (1994) pp. 13-21 illus.

The author discusses the coinage of the city of Teronea in Chalcidice in the fifth century B.C. Particularly noted is the issue of staters with an amphora and the legend T-E on the obverse and a four-part square on the reverse.

(A. Carignani)

173 ELAYI, J. and A. G. ELAYI. Nouveau trésor de monnaies de Byblos (1992). *RBN* 139 (1993) pp. 17-30.

In this article a hoard of 393 small silver fractions of Byblos and one of Sidon is studied. This find seems to have been "lost" between ca. 339 and 335 B.C.

(Johan van Heesch)

174 ELSSEN, JEAN. La masse théorique du drahm sassanide de Khosrow II (591-628). *JEListeFPL* 153 (1993) pp. 16-22.

175 ELSSEN, JEAN. La masse théorique des drahms du roi sassanide Ardashir III (628-630). *JEListeFPL* 156 (1993) pp. 3-20.

176 ERCOLANI COCCHI, E. Presenze monetali in Adriatico fra VI e I sec. a. C. : ipotesi dai materiali del Museo Nazionale di Ravenna. T. Hackens *et al.* (eds.). *Proceedings of the XIth International Numismatic Congress* vol. 1 (Louvain-la-Neuve 1993) pp. 93-106.

177 EREV, R. Bethsaida 1992. *Hadashot Arch* 101-2 (1994) pp. 22-23. In Hebrew.

Finds from excavations at this site, situated at the Jordan river estuary into the Sea of Galilee, included a tetradrachm of Ptolemy II.

(Arnold Spaer)

178 FELGUERA HERRERA, I. Numismática malagueña en la zona norte de la provincia (Campillos-Teba). *GacNum* 116 (1995) pp. 15-30.

179 FLORENZANO, M.B. Political Propaganda in Agathocles' Coins. T. Hackens *et al.* (eds.), *Proceedings of the XIth International Numismatic Congress* vol. 1 (Louvain-la-Neuve 1993) pp. 71-78.

180 FRÉBUTTE, C. L'Anjou et le type à la tête cornue couronnée d'un hippocampe (type BN 6830). T. Hackens *et al.* (eds.), *Proceedings of the XIth International Numismatic Congress* vol. 2 (Louvain-la-Neuve 1993) pp. 21-26.

181 FREEMAN-GRENVILLE, G.S.P. Jerusalem, Aksum and Aachen. *INJ* 12 (1992/93 [1994]) pp. 80-86 illus.

In the author's view, the reverses of Axumite coins showing crosses in buildings or on pedestals and the reverses of issues of Charlemagne may have been intended to refer to the Edicule in the Holy Sepulchre in Jerusalem.

(Arnold Spaer)

182 GARCIA-BELLIDO, M.P. Las relaciones económicas entre Massalia, Emporion y Gades a través de las monedas. *Huelva Arqueologica* 13, 2 (1991), Symposium "Iberos y Griegos," Ampurias, April 1991 pp. 117-49.

183 GARCIA-BELLIDO, M.P. Sobre la localización de Segobrix y las monedas del yacimiento de Clunia. *ArchEspArq* 67 (1994) pp. 245-59.

184 GILLES, KARL-JOSEF. Keltische Fundmünzen im östlichen Treverergebiet. *Trierer Zeitschrift* (Rheinisches Landesmuseum Trier) 56 (1993) pp. 35-66 illus.

Completing publication of Celtic coin finds from the western tribal area of the Treveri, 495 coins from some 80 locations in the eastern area are catalogued. An appendix discusses the collections of the Gesellschaft für nützliche Forschungen and of the Provinzialmuseum Trier, which probably were assembled from local finds.

(Peter Ilisch)

185 GILLES, KARL JOSEF. Neue Funde und Beobachtungen zu den Anfängen Triers. *Trierer ZGeschKunst* 55 (1992) pp.193-232.

The author discusses the dating of the Celtic settlement in Trier and, in this context, provides updated lists of Celtic rouelles and coins found in Trier (pp. 220 ff.)

(Peter Ilisch)

186 GILLES, KARL JOSEF. Bericht des Münzkabinetts im Rheinischen Landesmuseum Trier 1987-1990. *Trierer ZGeschKunst* 55 (1992) pp.448-52 illus.

Acquisitions of the Trier cabinet in the period 1987-1990 are discussed. These include die punches of Celtic quinarii, Celtic, Roman and Merovingian coins.

(Peter Ilisch)

187 GODBOLE, S.D. Mathura Clay Sealing of Appolodotus. T. Hackens *et al.* (eds.), *Proceedings of the XIth International Numismatic Congress* vol. 1 (Louvain-la-Neuve 1993) pp. 311-12.

188 GOKHALE, S. New Numismatic Evidence of International Trade during the Satavahana Period. T. Hackens *et al.* (eds.), *Proceedings of the XIth International Numismatic Congress* vol. 1 (Louvain-la-Neuve 1993) pp. 305-10.

189 GOMIS JUSTO, M. La moneda de plata de Sekaisa. *IX Congreso Nacional de Numismática, Elx 1994* (Elx 1994) pp. 49-58.

190 GONZALES FERNANDEZ DE PALENCIA, M. Arse-Saguntum: la difusión d sus monedas. *IX Congreso Nacional de Numismática, Elx 1994* (Elx 1994) pp. 19-38.

191 GORINI, GIOVANNI. Monete greche ellenistiche dall'Istria. *Atti e Memorie della Società Istriana di Archeologia e Storia Patria* 42 (n.s., 1994) pp. 105-11 illus.

The collection includes bronze coins struck between the fourth century B.C. and the third century A.D. from the mints of Bruttium, Macedonia, Epirus, Ionia, Caria, and Alexandria.
(A. Carignani)

192 GRANDJEAN, C. Les monnaies et l'histoire de Messène au II^e s. av. J.-C. In : T. Hackens *et al.* (eds.), *Proceedings of the XIth International Numismatic Congress* vol. 1 (Louvain-la-Neuve 1993) pp. 205-208.

193 GROSSBERG, A. The Facade of the Temple depicted on Ossuaries in Jerusalem. *Qadmoniot* 27, parts 105-6 (1994) pp. 38-42 illus. In Hebrew.

Comparisons are made by the author inter alia with the structures appearing on tetradrachms and didrachms of Bar Kokhba.
(Arnold Spaer)

194 GRUEL, K. Le cheval androcéphale sur les monnaies celtiques. T. Hackens *et al.*(eds.), *Proceedings of the XIth International Numismatic Congress* vol. 2 (Louvain-la-Neuve 1993) pp. 27-36.

195 GURNET, FRANÇOIS. Deux notes à propos du monnayage de Xusro II. *RBN* 140 (1994) pp. 25-41 illus.

196 GURNET, FRANÇOIS. Une monnaie de cuivre arabo-sassanide inédite. *CENB* 31 no. 2 (1994) pp. 37-40 illus.

A coin of Xusro II is described.

(Johan van Heesch)

197 GYSELEN, RIKA. Les monnaies. *Splendeur des Sassanides. L'empire perse entre Rome et la Chine (224-642)* (Brussels, Musées royaux d'art de d'histoire 1993) pp. 127-30 illus.

198 HARDWICK, N. The Coinage of Chios from the VIth to the IVth Century B.C. T. Hackens *et al.* (eds.), *Proceedings of the XIth International Numismatic Congress* vol. 1 (Louvain-la-Neuve 1993) pp. 211-22.

199 HASELGROVE, COLIN. Archaeological Evidence for the Dating of Iron Age Potin Coinage: the Case of Scheers 191. T. Hackens *et al.* (eds.), *Proceedings of the XIth International Numismatic Congress* vol. 2 (Louvain-la-Neuve 1993) pp. 11-20.

200 HASELGROVE, COLIN. The development of British Iron-Age coinage. *NC* 153 (1993) pp. 31-63.

Recent research enables the chronological development of coinage in Iron Age Britain to be divided into three principal periods. Systematic import of gold from Belgic Gaul started in Period I, probably in the later 2nd century B.C., as did insular manufacture of cast bronze (potin) coinage derived ultimately from the struck bronze issues of Massilia. The succeeding Period II, spanning the second and third quarters of the first century B.C., saw new influxes of imported gold, which now gave rise to various local series as coinage spread rapidly throughout an area of England stretching from the Humber to the Bristol Channel. The first silver and struck bronze coinage appeared soon afterwards but only became common in Period II, which lasted from the late first century B.C. until the Roman invasion of A.D. 43. This final period is characterized by the frequent use of inscriptions and copying of Roman models, and in eastern England copper, bronze, and occasionally brass were all used in minting base metal types. The paper concludes by examining the circulation of Iron Age coinage in the different metals, advocating new approaches to the chronological analysis of both hoard and site finds. (Author)

201 HAZZARD, R.A. Two hoards of Ptolemaic silver. *NC* 154 (1994) pp. 53-66.

The Sharnûb hoard (*IGCH* 1713) consisted of 56 tetradrachms chosen from the available stock of unworn silver in order to avoid a progressive discount on worn tetradrachms. Since the last dated coin was struck in the 24th regnal year of Ptolemy X Alexander (91/90), the hoarder might have hidden his cash during the crisis of 89/88, when Alexander fled into exile. The second hoard (*ICGH* 1722) consisted of 169 tetradrachms; 162 of them were of fine silver (about 100% to 90% pure), while seven were of base silver (about 33% pure). After the great debasement of 53/52, the Ptolemies priced both fine and debased tetradrachms at 2,000 copper drachms per coin, and the hoarder apparently saved the old coins of fine silver until the supply became exhausted during the very early years of Cleopatra VII (51-30 B.C.). (Author)

202 HEIPP-TAMER, CHRISTINE. Die Münzprägung der lykischen Stadt Phaselis in griechischer Zeit. *Saarbrücker Studien zur Archäologie und Alten Geschichte* vol.6. Saarbrücken, Saarbrückerei Druckerei und Verlag 1993. 182 pp. illus.

203 HERRERO ALBIÑANA, C. *Introducción a la Numismática Antigua (Grecia y Roma)*. Madrid, Editorial Complutense 1994. 268 pp.

204 HEUTGER, N. New Light on Jewish Coins of the Second Temple Period. T. Hackens *et al.* (eds.), *Proceedings of the XIth International Numismatic Congress* vol. 1 (Louvain-la-Neuve 1993) pp. 275-76.

205 HOLLOWAY, R. ROSS. Syracusan Bronzes with the Legend ΣΥΡΑΣΩΣΙΑ. T. Hackens *et al.* (eds.), *Proceedings of the XIth International Numismatic Congress* vol. 1 (Louvain-la-Neuve 1993) pp. 83-84.

206 HOUGHTON, A. The Accession of Antiochus VI at Apamea: the Numismatic Evidence. T. Hackens *et al.* (eds.), *Proceedings of the XIth International Numismatic Congress* vol. 1 (Louvain-la-Neuve 1993) pp. 277-80.

207 HUNTER, F. Celtic Chicanery Questioned. *NCirc* 102 no. 6 (July 1994) p. 259 illus.

208 HURTER, SILVIA. Drei unbekannte griechische Kleinmünzen. *SM* 44/174 (Sept. 1994) pp. 41-44.

The author describes and illustrates three silver coins: a hemiobol of Phygela, Ionia (ca. 350 B.C.), an obol of Mithrapata of Lycia (ca. 420 B.C), and a hemiobol from Samaria (ca. 350 B.C.).
(Harriet Schwartz)

209 IBAÑEZ, M. and J. BLANCO. Un ensemble de petits bronzes massaliotes en Celtiberie. *BSFN* 1995 pp. 979-84.

210 IBAÑEZ ARTICA, M. El jinete con espada en las acuñaciones de la Galia Belga. Imitación de la ceca de Bascunes. *Numisma* 233 (1993) pp. 9-38.

211 ISIK, E. Menschendarstellungen auf frühen Elektronmünzen und ihre Deutung. T. Hackens *et al.* (eds.), *Proceedings of the XIth International Numismatic Congress* vol. 1 (Louvain-la-Neuve 1993) pp. 223-28.

212 JIMENEZ AVILA, F.J. *Estudio Numismático del poblado de Hornachuelos (Ribera del Fresno, Badajoz)*. Series de Arqueología Extremeña 4. Cáceres 1990. 134 pp.

213 JUEL-JENSEN, B. and B.A. ATKINS. New Quarter Aureus Completes the Series of Gold Coins of King Aphilas of Aksum. *NCirc* 102 no. 3 (April 1994) pp. 104-5 illus.

214 JUEL-JENSEN, B. A Gold Coin of Aksum Struck From Hitherto Unpublished Dies. *NCirc* 102 no. 5 (June 1994) p. 212 illus.

215 KAGAN, JONATHAN H. An Archaic Greek coin hoard from the Eastern Mediterranean and early Cypriot coinage. *NC* 154 (1994) pp. 17-52 illus.

The author studies 67 coins from a partially-recorded bullion hoard from the eastern Mediterranean. The find is dated to the end of the sixth century B.C. While the hoard resembles Egyptian finds of the period of Demanhur (*IGCH* 1637), it is exceptional in its relatively large portion of Cypriot coins (28). This allows for a new look at the date of the Cypriot coins in the Persepolis deposit (*IGCH* 1789) and a discussion of the impact of the Ionian Revolt on Cypriot coinage. (Author)

216 KARBACH, FRANZ-BERND. Die Münzprägung der Stadt Eirenopolis in Ostkilikien. *JNG* 42/43 (1992/93 [1994]) pp. 83-145 illus.

This contribution gives a corpus and die study of the coinage of Irenopolis in Eastern Cilicia, based on 529 coins. In addition, the author comments on the geographical situation of the city which probably is the same as Irenopolis in the Cilician plains, and makes detailed remarks on the denominations and types of this coinage. (Gerd Stumpf / Bernhard Overbeck)

217 KINDLER, A. A Bar Kokhba Coin used as a Charity Token. *INJ* 12 (1992/93 [1994]) pp. 73-75 illus.

A copper coin of the Second Jewish Revolt (*BMC* No. 29 et seq.) on the reverse of which a graffito apparently reading "encourage (?) charity" in Hebrew appears is discussed. (Arnold Spaer)

218 KINDLER, A. On the Coins of the Ituraeans. T. Hackens *et al.* (eds.), *Proceedings of the XIth International Numismatic Congress* vol. 1 (Louvain-la-Neuve 1993) pp. 283-88.

219 KOLNIKOVA, E. Probleme der Chronologie des ostkeltischen Münzwesens. T. Hackens *et al.* (eds.), *Proceedings of the XIth International Numismatic Congress* vol. 2 (Louvain-la-Neuve 1993) pp. 67-70.

220 KONUK, K. Quelques réflexions sur le monnayage des satrapes hécatomnides de Carie. T. Hackens *et al.* (eds.), *Proceedings of the XIth*

International Numismatic Congress vol. 1 (Louvain-la-Neuve 1993) pp. 237-42.

221 KOSTIAL, MICHAELA. Keltische Fundmünzen aus Unterfranken. *JNG* 42/43 (1992/93[1994]) pp. 7-12 illus.

Five Celtic coins from Lower Franconia are published here. They were found in Eussenheim and Ochsenfurt/Hopferstadt. There are two coins of gold, two of silver, one of an *aes* alloy. One of the silver coins seems to as yet unknown.

(Gerd Stumpf / Bernhard Overbeck)

222 KUMPIKEVICIUS, G.C. and M.E. TOOTH. *A Bibliography of Classical Numismatics in Canada*. Toronto, Excel Publishing 1994. xiv + 150 pp. illus.

This volume goes beyond a simple bibliography by giving an overview of the development of activities related to the collection and study of classical coins in Canada.

(Mark E. Tooth)

223 KUSHNIR-STEIN, A. and H. GITLER. Numismatic Evidence from Tel Beer-Sheva and the Beginning of Nabatean Coinage. *INJ* 12 (1992/93 [1994]) pp. 13-20 illus.

The coins excavated at this site end with issues dated to 112/111 B.C. after which a gap of about a century occurs in the dates of coins found. A substantial part of the coins found among those dated before 112/111 B.C. are copper coins of the type published by E.S.G. Robinson in *NC* 16 (1936) pp. 290-91 and identified by him as the earliest Nabatean issues. This attribution is confirmed by the excavation coins which also prove that their issue began before 112/111 B.C.

(Arnold Spaer)

224 LEVY, B. Tyrian Shekels and the First Jewish War. T. Hackens *et al.* (eds.), *Proceedings of the XIth International Numismatic Congress* vol. 1 (Louvain-la-Neuve 1993) pp. 267-74.

225 LIAMPI, KATERINA. Argilos, History and Coinage. *NomKhron* 13 (1994). In Greek, with English translation.

226 LLORENS, M. DEL MAR. Las emisiones de Carthago Nova: uso y función de la moneda cívica. *IX Congreso Nacional de Numismática, Elx 1994* (Elx 1994) pp. 131-42.

227 LOPEZ SANCHEZ, P. Hallazgos numismáticos en yacimientos del Cinca Media. *GacNum* 116 (1995) pp. 3-13.

- 228** MACDONALD, DAVID. A Teos/Abdera Overstrike. *SM* 44/174 (Sept. 1994) pp. 37-40.

The author discusses an overstrike of a stater (didrachm) of the Aeginetic standard on a tetradrachm of the Abderite standard in a private American collection. He dates the undertype to ca. 470-65 B.C. and the Teian overtype to the same period or a little later and argues that stylistic development at Teos lagged significantly behind that of Abdera.
(Harriet Schwartz)

- 229** MACDONALD, DAVID. More Maroneia overstrikes. *NumAntClas* 23 (1994) pp. 177-82 illus.

The author provides additional evidence for the hypothesis of F. de Callataÿ concerning the dating to the Mithridatic Wars of some overstrikes of Maroneia.
(A. Carignani)

- 230** MALEK, HODGE MEHDI. Review article: a survey or research on Sasanian numismatics. *NC* 153 (1993) pp. 227-69 illus.

This is a review and listing of literature and research on Sasanian coins since the late eighteenth century. The article provides a listing of rulers with references and brief details of 79 hoards and hoard groups. Mint signatures are also considered.
(Author)

- 231** MALEK, HODGE MEHDI. An unusual drachm of the Sasanian king Hormizd V or VI. *NCirc* 101 no. 2 (March 1993) pp. 46-47 illus.

The article considers the coinage of Hormizd V (or VI) in the late Sasanian period and in particular an unusual drachm with the obverse in the name of Hormizd coupled with a reverse of Xusro II (mint signature WYH, regnal year 35).
(Edward Besly)

- 232** MANFREDI, L.I. Grano e orzo nella monetazione punica del 241-238 a.C. T. Hackens *et al.* (eds.), *Proceedings of the XIth International Numismatic Congress* vol. 1 (Louvain-la-Neuve 1993) pp. 49-52.

- 233** MANFREDI, L. I. Monete neopuniche di Oea. *Ocnus* (Quaderni della Scuola di Specializzazione in Archeologia, Università degli Studi de Bologna, 2, Bologna, Editrice Clueb 1994) pp. 107-13 illus.

This article discusses the neo-Punic coinage of the Augustan era from Oea (Tripoli, Libya).
(A. Carignani)

- 234** MAROVIĆ, IVAN. Novac ilirskog dinasta Baleja u Arheološkom muzeju u Splitu [Coins of the Illyrian ruler Ballaios in the Archaeological

Museum in Split]. *Vjesnik za arheologiju i historiju dalmatinsku* 81 (1988) pp. 81-154 illus. English summary.

Published for the first time are the 461 examples of the issues of Ballaios in the Split museum. The author proposes abandoning Evan's division of these issues into Rhizon and Pharos types on the basis of the presence or absence of a title. Without rejecting the existence of Rhizon mint activity, later finds indicate that both types were minted on Pharos (modern Hvar), and therefore a chronological division between the two is proposed.
(Charles B. Smith, Jr.)

235 MARQUES DE FARIA, A. Achados monetarios em Idanha-a-Velha. *Nummus* 14-15 (1991-92) pp. 121-68.

236 MARTINEZ VALLE, A. En torno a la localización de la ceca de Okalesken. *IX Congreso Nacional de Numismática, Elx 1994* (Elx 1994) pp. 59-66.

237 MATTINGLY, H.B. The Portrait Coin of Eumenes II of Pergamon. T. Hackens *et al.* (eds.). *Proceedings of the XIth International Numismatic Congress* vol. 1 (Louvain-la-Neuve 1993) pp. 281-82.

238 MAY, J. Test Cuts on a Corieltauvian Stater? *NCirc* 102 no. 1 (Feb. 1994) p. 3 illus.

239 MAY, J. Coinage, Settlement and Society in the Late Iron Age of East Midland England. T. Hackens *et al.* (eds.), *Proceedings of the XIth International Numismatic Congress* vol. 2 (Louvain-la-Neuve 1993) pp. 7-10.

240 MESHORER, Y. The Coins of Samaria in the Persian Period. *Researches on Judaea and Samaria—Acts of the Fourth Congress 1994* (Kidumin 1995) pp. 121-27 illus. In Hebrew.

The author discusses and illustrates silver coins of the Mint of Samaria. The types, inscriptions, names, and symbols appearing on these coins are dealt with. The article is based on the author's book (with Shruga Qedar), *The Coinage of Samaria in the 4th century B.C.*, published in 1991.
(Arnold Spaer)

241 MIELCZAREK, M. Some Remarks about the Coinage of Euthydemus I and Demetrius, Kings of Bactria. T. Hackens *et al.* (eds.), *Proceedings of the XIth International Numismatic Congress* vol. 1 (Louvain-la-Neuve 1993) pp. 299-304.

242 MILDENBERG, LEO. Über das Münzwesen im Reich der Achämeniden. *Archäologische Mitteilungen aus Iran (Deutsches Archäologisches Institut)* 26 (1993 [1995]) pp. 55-79 illus.

This study deals with the structure of the coinage in the Persian Empire—imperial money, the so-called satrapal coins, provincial money, coin import, local coinages, and the late royal money. It stresses the tolerant coinage policy of the Achaemenids which was different from the coinage monopoly imposed by the Athenians, the Hellenistic rulers, and later centralist states. (Author)

243 MIRNIK, IVAN. A Thracian silver coin hoard in the Osijek Slavonian Museum. *NC* 153 (1993) pp. 197-200 illus.

The author discusses a coin hoard from the Osijek collection confiscated at the Croato-Hungarian border in 1968. The provenance (possibly Bulgarian) and data about its completeness remain obscure. The Osijek parcel contains 31 tetradrachms of Euboean-Attic standard: eight were struck at Maroneia, one is an imitation, four belong to Thasos, seven are early barbarous imitations of Thasian tetradrachms, and there are eleven later barbarous imitations of the same type. All types belong to the 2nd and early 1st centuries B.C., permitting the conclusion that burial occurred in the first half of the 1st century B.C. In the article the Schönert-Geiss catalogue was used for the Maroneian silver, the *SNG* volumes for Thasos, and Göbl's typology for their imitations. (Author)

244 MIRNIK, IVAN. Le trésor monétaire de Bosanska Krupa. T. Hackens *et al.* (eds.), *Proceedings of the XIth International Numismatic Congress* vol. 1 (Louvain-la-Neuve 1993) pp. 113-18.

245 MOULAKIS, CHRISTOPHER M. Christodoulou the Forger. More Dies. *NomKhron* 13 (1994) pp. 43-54. In Greek and English.

246 NEUSSEL, H. Digitale Bilddatenbank von Münzen des belgischen Galliens. T. Hackens *et al.* (eds.), *Proceedings of the XIth International Numismatic Congress* vol. 2 (Louvain-la-Neuve 1993) pp. 47-48.

247 NICOLAU KORMIKIARI, M.C. Punic Coins in Brazilian Public Collections. T. Hackens *et al.* (eds.), *Proceedings of the XIth International Numismatic Congress* vol. 1 (Louvain-la-Neuve 1993) pp. 45-48.

248 NICOLET-PIERRE, H. and M. OECONOMIDES. Recherches sur le monnayage d'Élis-Olympie à l'époque hellénistique. T. Hackens *et al.* (eds.), *Proceedings of the XIth International Numismatic Congress* vol. 1 (Louvain-la-Neuve 1993) pp. 193-204.

249 OCHARAN LARRONDO, J.A. La inexistencia de anversos con leyenda ETA-ON en los ases de Bentian. *VIII Congreso Nacional de Numismática, Aviles 1992* (Madrid 1994) pp. 287-91.

250 OECONOMIDES, MANDO. Les Trésors Thessaliens du Musée Numismatique d'Athènes. *Actes du Colloque International, Lyon, 17-22 April 1990, "La Thessalie"* (Athens 1994) vol. 2 pp. 335-38.

This article presents a general view of the monetary circulation in Thessaly from the end of the 6th to the 4th century B.C., based on coins in the Athens museum.

(Author)

251 PAPAGEORGIADOU-BANIS, CHARIKLEIA. Koinon of the Keians? The numismatic evidence. *RBN* 139 (1993) pp. 9-16.

The existence of a common organization (a *koinon*) of Keian cities can be argued from the study of the numismatic evidence. It seems that a *koinon* of the Keians first came into existence towards the end of the 6th century B.C. There is further numismatic evidence for a *koinon* for a brief period during the 4th century, when the islanders decided to leave the Second Athenian Confederacy. Finally, the coins indicate the existence of another *koinon* in the 2nd century B.C., rather than in the 3rd.

(Johan van Heesch)

252 PEREZ LOPEZ, I. and M. SANCUEZ ANDREU. Monedas de Gades en el término municipal de Puerto Real (Cádiz). *VIII Congreso Nacional de Numismática, Aviles 1992* (Madrid 1994) pp. 455-62.

253 PONCELET, CAMILLE. Description d'anneaux gaulois trouvés dans le territoire des Sénon. *CENB* 30 no. 4 (1993) pp. 85-90 illus.

A description of 11 Celtic coins found in France at Sens, Chartres, Tours, Autun, and Besançon together with that of 8 Celtic rings is given.

(Johan van Heesch)

254 PREDA, C. Einige Betrachtungen über den Münzumlauf im I. Jh. v. Chr. in Dakien. T. Hackens *et al.* (eds.), *Proceedings of the XIth International Numismatic Congress* vol 1 (Louvain-la-Neuve 1993) pp. 133-38.

255 PROKOPOV, I. Notes about the Character of Some Large-scale Coinages in the Thrace during IInd-Ist Centuries B.C. T. Hackens *et al.* (eds.), *Proceedings of the XIth International Numismatic Congress* vol. 1 (Louvain-la-Neuve 1993) pp. 173-86.

- 256** QEDAR, S. The Coins of Marisa: a New Mint. *INJ* 12 (1992/93 [1994]) pp. 27-33 illus.

A group of coins is identified as issued by the town of Marisa destroyed in about 112/111 B.C. and rebuilt by the Roman governor of Syria, Gabinius, 57-55 B.C. They are dated year 3 of an era apparently beginning in about 60 B.C. The largest denomination, apparently unpublished until now, bears the full name of Marisa. Some of the three smaller denominations have been published but attributed to the mints of Gaza and Ascalon (inter alia Rosenberger Coll. Cat. Vol. II p. 51 No. 30 and *SNG ANS* Part 6 Nos. 654-5).
(Arnold Spaer)

- 257** RAMOS FERNANDEZ, R. El protome de caballo: una interpretación para su tipo en los reversos de al moneda hispano-cartaginesa. *IX Congreso Nacional de Numismática, Elx 1994* (Elx 1994) pp. 99-106.

- 258** RANT, A. The Lead Mint Weight and the Corresponding Staters with the Iconography of the Parisian Gaulish Staters. T. Hackens *et al.*(eds.), *Proceedings of the XIth International Numismatic Congress* vol. 2 (Louvain-la-Neuve 1993) pp. 43-46.

- 259** REA, J.R., R.C. SENIOR, and A.S. HOLLIS. A tax receipt from Hellenistic Bactria. *ZPE* 104 (1994) pp. 261-80 illus.

The receipt, written on prepared skin, is dated to the reign of an Antimachus who reigned jointly with a Eumenes and another Antimachus. A date ca. 170 B.C. is suggested for the document, and some revisions to the chronology of the Bactrian kings and their coinage is proposed.
(John Melville-Jones)

- 260** RIPOLLÈS, P.P. El tesoro de Rosas. *Saguntum* 27 (1994) pp. 137-53.

- 261** RIPOLLÈS, P.P. La ceca de Saitabi. Perspectiva metodológica en el estudio de las cecas ibéricas. *IX Congreso Nacional de Numismática, Elx 1994* (Elx 1994) pp. 11-18.

- 262** RIZ, A.E. Le monete celtiche AR di tipo Biatec. Raffronto con i denari repubblicani romani. T. Hackens *et al.*(eds.), *Proceedings of the XIth International Numismatic Congress* vol. 2 (Louvain-la-Neuve 1993) pp. 59-62.

- 263** RUDD, C. War Trumpet or Snake. *NCirc* 102 no. 6 (July 1994) p. 262 illus.

264 SANDSTROM, F.F. The Fourth Century B.C. Silver ΣΩΤΕΙΡΑ Coinage of Cyzicus: the Question of the Fractions. T. Hackens *et al.* (eds.), *Proceedings of the XIth International Numismatic Congress* vol. 1 (Louvain-la-Neuve 1993) pp. 243-48.

265 SANTOS VANGUAS, N. La circulación monetaria en el nordeste de la Península Ibérica durante la antigüedad. *VIII Congreso Nacional de Numismática, Aviles 1992* (Madrid 1994) pp. 91-114.

266 SASIANU, A. Imitations of Thasian Tetradrachms. T. Hackens *et al.* (eds.), *Proceedings of the XIth International Numismatic Congress* vol 1 (Louvain-la-Neuve 1993) pp. 123-32.

267 SCHEERS, SIMONE. Keltische munten. M. Rogge and L. Beeckmans, ed., *Geld uit de grond. Tweeduizend jaar muntgeschiedenis in Zuid-Oost-Vlaanderen* (Zottegem 1994) pp. 19-36.

This contribution contains a general survey of Celtic coinage in Belgium and a detailed discussion of the Celtic coins found in the southeastern part of the province of East-Flanders (Belgium).
(Johan van Heesch)

268 SCHMITT-KORTE, KARL and MARTIN PRICE. Nabataean coinage—Part III. The Nabataean monetary system. *NC 154* (1994) pp. 67-131 illus.

Relatively little is known about the inner structure of the monetary systems of the Near East during the Graeco-Roman period. The present study deals with the Nabataean coinage of ancient Arabia which was struck by kings of Petra during the 1st century B.C./A.D. A total of 300 silver and 400 bronze coins from published sources have been used to compile the metrology. One of the chief problems is the inaccuracy of minting technique whereby the weights of the silver coins vary by more than 50% and bronze coins by over 100% within the same series. Despite these deficiencies it has been possible to devise a system of 9-10 types each for the silver and bronze issues. In addition, their equivalents in the contemporary Hellenistic, Greek and Jewish system are now established.

As the Nabataean series shows a decline in fineness from initially 95% to ultimately 50%, the exchange with other ancient coins worked on the basis of net silver content. This debasing excluded the Nabataean coinage from wider acceptance in ancient trade and demonstrates a fairly strong nationalistic and political character for these issues.

The coinage elucidates the problematical relationship between the greatest Nabataean king, Aretas IV, and his ambitious prime minister Sallaeus, showing that the two opponents exercised a co-regency for a period of four years.

The last unexplained mark of two letters on numerous Nabataean issues is now recognized as an abbreviation for *Sela Aretas* in the sense of 'Nabataean money,' without the intention to express a particular value in monetary terms.

Several appendices set out the basic structure of the Hellenistic, Roman, Phoenician and Jewish monetary systems and explain the position of the somewhat obscure unit 'Sela.'

A fourth part will deal with purchasing power.

(Authors)

269 SCHÖNERT-GEISS, E. Die Münzstätte Kypsela in Thrakien im 4. Jh. v.u.Z. T. Hackens *et al.* (eds.), *Proceedings of the XIth International Numismatic Congress* vol. 1 (Louvain-la-Neuve 1993) pp. 165-68.

270 SCHÖNHAMMER, M. Some Thoughts on the Athenian Coinage Decree. T. Hackens *et al.* (eds.), *Proceedings of the XIth International Numismatic Congress* vol. 1 (Louvain-la-Neuve 1993) pp. 187-92.

271 SELLWOOD, D.G. Parthian Gold Coins. T. Hackens *et al.* (eds.), *Proceedings of the XIth International Numismatic Congress* vol. 1 (Louvain-la-Neuve 1993) pp. 295-98.

272 SENIOR, R.C. An Indo-Greek hoard from Akhnoor. *NCirc* 100 no. 9 (Nov. 1992) p. 299 illus.

273 SENIOR, R.C. A new look at some Indo-Parthian coins. *NCirc* 101 no. 10 (Dec. 1993) pp. 351-54 illus.

274 SHPRESA GJONGECAJ, V. Un trésor de statères éginètes trouvé à Hollm (Sud-Est de l'Albanie). T. Hackens *et al.* (eds.), *Proceedings of the XIth International Numismatic Congress* vol. 1 (Louvain-la-Neuve 1993) pp. 107-12.

275 SORIA SANCHEZ, V. Anotación breve sobre monedas ibéricas, griegas, romanas visigóticas, hebreas y árabes. *VIII Congreso Nacional de Numismática, Aviles 1992* (Madrid 1994) pp. 485-502.

276 SPAGNOLI, EMANUELA. La documentazione. *Sibari e la Sibaritide*, Atti del XXXII Convegno di Studi sulla Magna Grecia, Istituto per la Storia e l'Archeologia dalla Magna Grecia (Tarentum 1993) pp. 612-28 illus.

Based on a complete documentary review, the author describes the characteristic elements of the various issues of Sybaris. (A. Carignani)

277 STAFFIERI, GIOVANNI MARIA. La monetazione di Olba e Diocaesarea in Cilicia. Addenda et corrigenda II. *NumAntClas* 23 (1994) pp. 231-51 illus.

The author furnishes a bibliographic update and some notes on new acquisitions relating to issues of the cities of Olba and Diocaesarea in Cilicia. (A. Carignani)

278 STAZIO, ATTILIO. La monetazione. *Sibari e la Sibaritide*, Atti del XXXII Convegno di Studi sulla Magna Grecia, Istituto per la Storia e l'Archeologia della Magna Grecia (Tarentum 1993) pp. 597-612.

The author presents some preliminary thoughts on the coinage of Sybaris before 510 B.C. (A. Carignani)

279 STERN, E. *Dor Ruler of the Seas*. Jerusalem, Israel Exploration Society 1994. 348 pp. illus.

On pp. 255-60 there is a partially illustrated summary of Hellenistic coins found during 12 years of excavations at this site. On pp. 264-70, coins issued by the City of Dora and other issues found during the excavations are surveyed. These include City coins and Jewish and Roman issues. Some Crusader coins are also illustrated.

(Arnold Spaer)

280 SUGDEN, K. Miniature Ionians and Carians. *NCirc* 101 no. 6 (July 1993) pp. 190-92 illus.

281 *Sylloge Nummorum Graecorum [Deutschland]. Münzsammlung der Universität Tübingen fasc. 5: Karien und Lydien, Nos. 3307-3886.* Dietrich Mannsperger, ed. Munich, Hirmer Verlag 1994. vi + 20 pp. illus. ISBN 3-7774-6150-4.

282 *Sylloge Nummorum Graecorum [Deutschland]. Pfälzer Privatsammlungen, vol.4: Pamphylien.* Munich, Hirmer-Verlag 1993.

283 SYMONS, DAVID. Some new forgeries of Celtic coins. *NCirc* 100 no. 5 (June 1992) p. 149 illus.

284 SYMONS, DAVID. British Celtic coins added to the Finney collection, 1991. *NCirc* 100 no. 7 (Sept. 1992) pp. 226-27 illus.

285 SYMONS, DAVID. The Finney collection—British Celtic acquisitions, 1992. *NCirc* 101 no. 6 (July 1993) pp. 188-89 illus.

286 SYON, D. The Coins from Gamala. Interim Report. *INJ* 12 (1992/93 [1994]) pp. 34-55 illus.

Excavations at this site on the western slopes of the Golan Heights yielded over 6200 coins including 3883 Hasmonean issues, 270 coins of the Herodians and the Roman procurators, 941 autonomous issues, 584 Seleucid ones, 63 others, and 428 unidentified. They are listed and partly illustrated including some rare Herodian types and two of the copper issues of the first Jewish Revolt struck at Gamala.

(Arnold Spaer)

287 TACEVA, M. Die Münzprägung von Abdera und Ainos im Verhältnis zum Thrakischen Hinterland. T. Hackens *et al.* (eds.), *Proceedings of the XIth International Numismatic Congress* vol. 1 (Louvain-la-Neuve 1993) pp. 147-50.

288 TONDO, LUIGI. Un tesoretto dai monti lucchesi. E. Paribeni, ed., *Etruscorum ante quam Ligurum. La Versilia tra VII e III secolo a.C.* Catalogo della mostra, Pietrasante 1989 (Pontedera 1990) pp. 265-68.

The original notice of the discovery of this hoard comes from a 19th-century document (S. Ciampi, *Lettera sopra tre medaglie etrusche in argento*, Pisa 1813); however, neither the exact find spot nor its composition is given. There are drawings of three silver coins showing a bearded head with a Greek legend on the obverse and a smooth reverse. These coins are attributed to the fourth century B.C., but the mint is still uncertain (Populonia? Bononia?). The author proposes considering the coins a local imitation of a Macedonian prototype.

(Sara Sorda)

289 TORBÁGYI, M. Umlauf der Münzen von Apollonia und Dyrrhachium im Karpätenbecken. T. Hackens *et al.* (eds.), *Proceedings of the XIth International Numismatic Congress* vol. 1 (Louvain-la-Neuve 1993) pp. 119-22.

290 UJES, D. Nuovi ritrovamenti numismatici di Risan (Bocche di Cattaro, Montenegro, Jugoslavia). T. Hackens *et al.* (eds.), *Proceedings of the XIth International Numismatic Congress* vol. 1 (Louvain-la-Neuve 1993) pp. 139-46.

291 VAN ARSDELL, ROBERT D. Inscription on Cunobeline ship type confirmed. *NCirc* 100 no. 2 (March 1992) p. 45 illus.

292 VAN ARSDELL, ROBERT D. Three new Celtic staters. *NCirc* 100 no. 3 (April 1992) p. 80 illus.

Coins of the Atrebates and Icenii are described. *(Edward Besly)*

293 VAN ARSDELL, ROBERT D. A Dobunnian branched emblem on a bronze 'wheel money.' *NCirc* 100 no. 4 (May 1992) p. 112 illus.

294 VAN ARSDELL, ROBERT D. Metallurgical and metrological analysis of pre-dynastic staters in Britain I—the Corieltavi. *NCirc* 100 no. 5 (June 1992) p. 151.

295 VAN ARSDELL, ROBERT D. The coinage of Queen Boudicca, an update. *NCirc* 100 no. 9 (Nov. 1992) pp. 306-307.

296 VAN ARSDELL, ROBERT D. Trade routes in Celtic Britain via trend surface analysis. *NCirc* 100 no. 10 (Dec. 1992) pp. 346-49.

297 VAN ARSDELL, ROBERT D. Metallurgical and metrological analysis of pre-dynastic staters in Britain—the Atrebates. *NCirc* 101 no. 4 (May 1993) p. 117.

298 VAN ARSDELL, ROBERT D. Die-cutting expertise in Celtic Britain. *NCirc* 101 no. 5 (June 1993) p. 153 illus.

299 VAN ARSDELL, ROBERT D. An anomalous Yarmouth stater. *NCirc* 101 no. 5 (June 1993) pp. 155-56 illus.

300 VAN ARSDELL, ROBERT D. Bad day at flat rock. *NCirc* 101 no. 8 (Oct. 1993) p. 283 illus.

Two Celtic coins which demonstrate the use of a 'flat rock' method—ladling molten metal onto a flat surface—for making flans are published. *(Edward Besly)*

301 VAN ARSDELL, ROBERT D. The recently-stolen Holdenhurst hoard and coins from the Bushe-Fox excavations at Hengistbury—corrections to the record. *NCirc* 101 no. 10 (Dec. 1993) p. 350.

302 VAN ARSDELL, ROBERT D. Two New Cantian Coins. *NCirc* 102 no. 1 (Feb. 1994) p. 6 (illustrations published *NCirc* 102 no. 2 [March 1994] p. 58).

303 VAN ARSDELL, ROBERT D. Celtic Chicanery IV—The War Trumpet. *NCirc* 102 no. 3 (April 1994) p. 103 illus.

304 VAN ARSDELL, ROBERT D. The Wanborough "Hoard." A Reconstruction. *NCirc* 102 no. 5 (June 1994) p. 209.

305 VAN ARSDELL, ROBERT D. Clashed Dies and the Organization of Verica's Mint. *NCirc* 102 no. 9 (Nov. 1994) pp. 402-403 illus.

306 VAN KEUREN, FRANCES. *The Coinage of Heraclea Lucaniae*. Rome, Giorgio Bretschneider Editore 1994. 100 pp. illus.

This volume is a complete study of the issues of the city of Heraclea in Lucania. The coinage is divided into ten groups ranging from 433 to the beginning of the first century B.C. (A. Carignani)

307 VANNI, FRANCA MARIA. La collezione di un console svedese nel Medagliere di Firenze. *BollNum* 16-17 (1991) pp. 219-40 illus.

In 1838 the coin cabinet of Florence acquired the rich numismatic collection of the Swedish Consul Jacopo Graerg of Hemso, consisting of 2117 Greek and Roman coins (30 gold, 268 silver, and 1820 bronze). After brief biographical comments, the author pays particular attention to the Siculo-Punic examples from the 19th century records of their acquisition. (A. Carignani)

308 VEGA DE LA TORRE, J.R. Numismática de Santa Maria de Mave (Palencia). *IX Congreso Nacional de Numismática, Elx 1994* (Elx 1994) pp. 353-60.

309 VILLARONGA, L. A propos de la datation de la drachme lourde de Marseille. *NumAntClas* 1994 pp. 153-55.

The author proposes lowering the chronology of the introduction of the Massaliot drachm from 390-386 to the end of the fourth century B.C. (A. Carignani)

310 VISONÀ, PAOLO. La monetazione annibalica in bronzo nel Bruzio. *Klearchos* 33-34 nos. 129-36 (1991-92 [1994]) pp. 149-65 illus.

Three groups of issues, of which ca. 200 specimens are known at present, comprise the bronze coinage struck by different Carthaginian mints in the Calabria region of southern Italy during the second Punic War. An analysis of the distribution of the coin finds, of the evidence of hoards and overstriking, and of the characteristics of the coins themselves, suggests that they were minted between ca. 215 and 205 B.C. (Author)

311 VISONÀ, PAOLO. Colonization and Money Supply at Issa in the 4th Century B.C. *Chiron* 25 (1995) pp. 55-62 illus.

The archaeological record of the island of Vis (ancient Issa) in Dalmatia does not support recent attempts to date the earliest phase of monetary circulation at Issa to the first half of the 4th century B.C. The presence of Syracusan bronze coins may be linked to the arrival of colonists from the neighboring island of Hvar (ancient Pharos) after 350 B.C. Pharos, rather than Syracuse, provided the impetus for the adoption of coinage by the Issaeans settlers. (Author)

312 VISSER, TAMARA. Die Athena-Parthenos des Phidias auf den Tetradrachmen des Eukleidas von Syrakus—Eine griechische “evocatio”-Vorstellung. *NumAntClas* 23 (1994) pp. 93-98 illus.

This article contains notes on Syracusan tetradrachms bearing the signature of Eukleidas struck around 405 B.C. which show, on the obverse, the head of Athena Parthenos and, on the reverse, a quadriga. (A. Carignani)

313 WEISER, WOLFRAM. *Katalog ptolemäischer Bronzemünzen der Sammlung des Instituts für Altertumskunde der Universität zu Köln. Abhandlungen der Nordrhein-Westfälischen Akademie der Wissenschaften, Sonderreihe Papyrologica Coloniensis vol.23.* Opladen, Westdeutscher Verlag 1995. 127 pp. illus. ISBN 3-531-09937-X.

204 Ptolemaic bronze coins from the collection of Cologne university are being described and discussed. They include some hitherto unpublished varieties as well as 17 coins not strictly Ptolemaic, but related. The catalogue the basis for a monograph on the Ptolemaic currency system by the same author. (Peter Ilisch)

314 WESTERMARK, ULLA. The staters of Archelaos. A die study. M. Price, A. Burnett, and R. Bland, eds., *Essays in honour of Robert Carson and Kenneth Jenkins* (London 1993) pp. 17-30 illus.

On the basis of a catalogue comprising 92 obverse and 116 reverse dies, various aspects of the coinage are discussed. (Author)

315 WESTERMARK, ULLA. Apollo in Macedonia. *Opus Mixtum. Essays in ancient art and society.* (ActaRom 8, 21; Stockholm 1994) pp. 149-54 illus.

The representation of Apollo in the regal Macedonian coin series is discussed. (Author)

316 WINAND, JEAN. Chronique Alexandrine. (1) Les divinités canopes. *JEListeFPL* 158 (1993) pp. 3-10 illus.

317 ZEDELIOUS, VOLKER. Der keltische Schatzfund von Niederzier. *1100 Jahre Niederzier-Hambach-Berg. Beiträge zur Heimatkunde.* Niederzier-Hambach-Berg (Festausschuss 1100 Jahre Niederzier-Hambach-Berg 893-1993) 1993 pp.13-15 illus.

This is a popular version of the publication of the Niederzier hoard of Celtic gold coins and torques. (Peter Ilisch)

318 ZISA, A.D. Le ninfe sulle monete della Sicilia antica. T. Hackens *et al.* (eds.), *Proceedings of the XIth International Numismatic Congress* vol. 1 (Louvain-la-Neuve 1993) pp. 85-90.

319 ZWICKER, ULRICH. Keltische und griechische Münzen sowie römische Provinzialprägungen aus den Sammlungen Will und Gerlach. Konrad Wickert, ed., *Schriften der Universitätsbibliothek Erlangen-Nürnberg, 22 = Katalog der Münzen in der Universitätsbibliothek Erlangen-Nürnberg vol.1.* Erlangen, Universitätsbibliothek 1992. 205 pp. illus. ISBN 3-922135-85-4.

For additional references to Greek numismatics, see the following abstracts:

General, Nos. 8, 20, 34, 38, 47

Roman, Nos. 325, 355, 417, 443, 481, 482, 517

Eastern Europe and the Balkans, No. 1104

Primitive Money, No. 1269.

ROMAN

320 ABAD VARRELA, M. Circulación monetaria durante el Bajo Imperio. *VII Congreso Nacional de Numismática, Aviles 1992* (Madrid 1994) pp. 149-66.

321 ABAD VARRELA, M. Posibles ofrendas monetales a los Nymphis o a Saluti, en el banleario hipertermal de Baños de Montemayor (Cáceres). *VIII Congreso Nacional de Numismática, Aviles 1992* (Madrid 1994) pp. 617-52.

322 ABAD VARRELA, M. Depósito monetario del siglo IV d.C. procedente de Bierzo (León). *IX Congreso Nacional de Numismática, Elx 1994* (Elx 1994) pp. 263-78.

323 ABASCAL, J.M. ¿Hallazgos arqueológicos y circulación monetaria? Dos funciones metodológicas en el estudio de la Hispania romana. *IX Congreso Nacional de Numismática, Elx 1994* (Elx 1994) pp. 143-58.

324 ALEGRE MANCHA, P. and J. CELIS SANCHEZ. Dos tesorillos de denarios del Castro de Chano, provincia de León. *VIII Congreso Nacional de Numismática, Aviles 1992* (Madrid 1994) pp. 189-210.

325 AMAND, MARCEL, FRANÇOISE LEUXE, and JACQUELINE LALLEMAND. Bronzes d'époque romaine au "Planti" à Howardies (Ht.). *Vie archéologique* 38 no. 3 (1992) pp. 77-83.

A description of 1 Celtic (*Kaletedou*) and 24 Roman coins is given.

(Johan van Heesch)

326 *L'Archéologie en Hainaut occidental 1988-1993*. Ath, Amicale des Archéologues du Hainaut occidental 5, 1993. 144 pp.

This booklet contains a detailed description of the hoard of Gallaix (Leuze-en-Hainaut, Belgium): 3 denarii and 31 antoniniani from Septimius Severus to Valerian I.

(Johan van Heesch)

327 ANGELINI BUFALINI PETROCCHI, GABRIELLA. L'iconografia dei Dioscuri sui denari della repubblica romana. Leila Nista, ed., *Castores. L'immagine dei Dioscuri a Roma* (Rome 1994) pp. 101-105 illus.

The author reviews the various phases of the utilization of the statues of the Dioscuri in the iconography of Republican coins. Beginning with the first Romano-Campanian issues the twin deities were chosen to advertise the glories of the city in its battles for political and military expansion. Later, Castor and Pollux appeared on coins of the second and first centuries B.C. associated with symbols related to the *gens* of the moneyer. In the course of time, the emphasis of the iconography changed from a military image of conquest to the elevation of the function of protection and tutelage.
(A. Carignani)

328 ARRIZABALAGA LAFUENTE, I. Los nuevos tipos monetales de moneda romano Altoimperial. *IX Congreso Nacional de Numismática, Elx 1994* (Elx 1994) pp. 201-2.

329 ARSLAN, ERMANNIO A. Le monete. *Studi sulla villa romana di Desenzano 1*, Comune di Milano. Settore Cultura e Spettacolo. Raccolte archeologiche e numismatiche (Milan 1994) pp. 115-43 illus.

The author presents over 30 coins found in excavations of a Roman villa at Desenzano on Lake Garda. The coins, often without documented provenance, present a chronological panorama from the fourth and fifth centuries A.D.
(A. Carignani)

330 ASOLATI, MICHELE and CRISTINA CRISAFULLI. *Ritrovamenti monetali di età romana nel Veneto. Provincia di Venezia. Chioggia*. Padua, Editoriale Programma 1993. 184 pp. illus.

331 BALBI DI CARO, SILVANA. *Roma e la moneta. La moneta a Roma e in Italia I*. Milan, Amilcare Pizzi editore 1993. 240 pp. illus.

A history of the coinage of the West is presented through review of the numismatic collections of the Museo Nazionale Romano. This first volume examines Roman coinage from its beginnings to the late antique period. The study is supplemented by bronze coins from the Museo Kircheriano and gold, silver, and bronze coins formerly in the collection of F. Gnechi.
(A. Carignani)

332 BALDUS, HANS ROLAND. Ein Sonderfall höfischer Repräsentation der spätconstantinischen Zeit. Rosmarie Günther, Stefan Rebenich, eds., *Studien zur Geschichte und Kultur des Altertums ser. I: monographs, vol. 8: E fontibus haurire, Beiträge zur römischen Geschichte und zu ihren*

Hilfswissenschaften (Paderborn, Munich, Vienna, Zurich 1994) pp. 255-62 illus.

A gold and silver coin struck at the Siscia mint in the name of Constans is interpreted as having been struck for the *vota V soluta* of Constans in 337/338. It depicts the emperor on the throne between his two elder brothers. (Peter Ilisch)

333 BAR, MARC. L'étude des monnaies de site contribue à élargir le point de vue archéologique local: un aspect de la circulation monétaire dans le bassin de la Meuse depuis le Bas-Empire jusqu'à la période mérovingienne. M.H. Corbiau and J. Plumier, eds., *Première journée d'archéologie namuroise. Actes.* (Namur 1993) pp. 59-64.

334 BAR, MARC. Essai d'interprétation symbolique de l'*aes grave* libral Apollon/Apollon (Haeberlin, pl. 34-36) à la lumière des documents d'époque. *CENB* 31 no. 1 (1994) pp. 1-13 illus.

335 BARCLAY, C. A Hoard of Fourth-Century Roman Bronze Coins from Haxby, North Yorkshire. *NCirc* 102 no. 4 (May 1994) p. 155 illus.

336 BARKAY, R. The Dionysiac Mythology on Coins of Nysa-Scythopolis (Beth Shean) in the Roman Period. T. Hackens *et al.* (eds.), *Proceedings of the XIth International Numismatic Congress* vol. 1 (Louvain-la-Neuve 1993) pp. 371-76.

337 BATESON, J.D. Roman and medieval coins found in Scotland, to 1987. *ProcSocAntiqScot* 119 (1989) pp. 165-88.

The survey of coins found in Scotland, previously confined to the Roman period, has been extended to cover medieval finds and some changes have been made to the format. The first new-style survey covers the period 1983-87 for Roman finds and 1978-87 for medieval finds. (Author)

338 BAYET, THOMAS. Architectura numismatica. Iconographie monétaire du temple de Rome, des mausolées et des ouvrages fortifiés au Bas-Empire. *RBN* 139 (1993) pp. 59-81.

339 BAYET, THOMAS. L'iconologie des enceintes et des portes de camp sur les monnaies du Bas-Empire Romain. *RBN* 140 (1994) pp. 5-17 illus.

340 BELIËN, P. Denarii op drift. *Westerheem* 43 (1994) pp. 176-80.

In 1992 a hoard of 86 denarii was discovered during excavations in Nijmegen. The oldest coin was struck ca. 210 B.C. and the youngest ca. A.D. 20. The hoard may have been buried during the reign of Tiberius, but probably not later than A.D. 47. In composition and closing date it resembles two hoards from the north-east of the Netherlands. A link between the Roman fortresses in the Nijmegen area and campaigns in the northern Netherlands is possible. (Author)

341 BELIËN, P. and W.J.H. WILLEMS. Een bijzondere lamp uit Nijmegen. *Westerheem* 43 (1994) pp. 11-15.

A fragment of a seemingly unique oil-lamp found in Nijmegen is presented. On the lamp can be seen a representation of a dupondius of Caligula which shows the portrait of the deified Augustus. Some parallels are also discussed. (Authors)

342 BELLONI, GIAN GUIDO. *La moneta romana. Società, politica, cultura.* Rome, NIS, La Nuova Italia Scientifica 1993. 284 pp. illus.

The history of Roman coinage with its economic implications is reviewed from the perspective of coins as *monumentum*, i.e., as a symbol and personification of civic and military virtue of the individual and of all of Roman society. (A. Carignani)

343 BERGER, FRANK. Die Münzfunde von Kalkriese. *Germania, Anzeiger der Römisch-Germanischen Kommission des Deutschen Archäologischen Instituts* 70 (Mainz, Philipp von Zabern, 1992) pp. 396-402.

344 BERGER, FRANK. Roman Coin Hoards in North-West Germany: Trade or Tribute. *NumDigest* 16 (1992) pp. 58-65.

Most of the Roman coin hoards found in northwest Germany, which lay outside the Roman Empire, can be dated to a short period between A.D. 168 and 198 and between 364 and 395. The author suggests that these coins did not travel to Germany through trade but rather were payments by a powerful empire to tribes beyond its frontiers to prevent war. (Amiteshwar Jha)

345 BERGER, FRANK. Localisation d'un champ de bataille de l'an 9 ap. J.-C. en Germanie libre grâce à la numismatique. T. Hackens *et al.* (eds.), *Proceedings of the XIth International Numismatic Congress* vol. 2 (Louvain-la-Neuve 1993) pp. 255-58.

346 BERGHAUS, PETER. FELICITAS SAECVLI in Indien. Oliver Brehm and Sascha Klie, ed., *Mousikos Aner. Festschrift für Max Wegner zum 90. Geburtstag* (Bonn, Dr. Rudolf Habelt GmbH 1992) pp. 11-16 illus.

The author investigates the occurrence of aurei of Septimius Severus of the FELICITAS SAECVLI type in India, its use as an ornament, and its imitations.

(Peter Ilisch)

347 BERGHAUS, PETER. Münzfibeln. Egon Wamers, *Die frühmittelalterlichen Lesefunde aus der Löhrrstraße (Baustelle Hilton II) in Mainz* (Mainz, Amt Mainz der Abteilung Archäologische Denkmalpflege im Landesamt für Denkmalpflege Rheinland-Pfalz 1994) pp. 106-115 illus.

Six coin fibulae found in Mainz and reflecting late Roman prototypes are compared to other finds of coin fibulae from Central Europe up to Carolingian times.

(Peter Ilisch)

348 BLAND, R. and C. JOHNS. A Roman Hoard from Whitwell. *Rutland Record. Journal of the Rutland Local History and Record Society* 14 (1994) pp. 151-57 illus.

This article records a hoard of two gold solidi, 870 siliquae and one gold finger ring, making it one of the ten largest silver coin finds of this date discovered in Britain. The hoard is set in its archaeological and numismatic context with the subsequent discovery of further coins being noted.

(Stephen Doolan)

349 BÖHM, S. Die Sphinx—das Wappentier der Sibylle? T. Hackens *et al.* (eds.), *Proceedings of the XIth International Numismatic Congress* vol. 2 (Louvain-la-Neuve 1993) pp. 149-54.

350 BONACIĆ-MANDINIĆ, MAJA. Rimski republikanski novac s otoka Hvara u Arheološkom muzeju u Splitu [Roman republican coins from the island of Hvar in the Archaeological Museum in Split]. *Vjesnik za arheologiju i historiju dalmatinsku* 83 (1990) pp. 103-15 illus. English summary.

The author notes 159 Republican coins found on Hvar, most in Stari Grad. These evince the beginning and increase of their circulation in this Greek colony which had been minting its own coins for almost 200 years.

(Charles B. Smith, Jr.)

351 BOUVY, G. Proposition d'une nouvelle lecture du petit bronze nervien du type "Rameau" C et D. *Vie num* 43 no. 1 (1993) pp. 3-6 illus.

352 BOYNE, W. *Index of arms emblazoned, additional drawings, plates, etc. to Whitaker & Thoresby's History of Leeds.* No publ. or date, in the Thomas Fisher Rare Book Library, University of Toronto. Catalogue of MS Coll. William Boyne no. 6.

This unpublished manuscript includes a record of Roman coins purchased by W. Boyne. (Mark E. Tooth)

353 BOYNE, W. *Coins of the Marsian League in silver.* No publ. or date, in the Thomas Fisher Rare Book Library, University of Toronto. Catalogue of MS Coll. William Boyne no. 8.

This unpublished manuscript is an item-by-item description of Roman (Republican and imperial) coins and medallions. (Mark E. Tooth)

354 BOYNE, W. *Roman and Italian weights or coins in bronze.* No publ. or date, in the Thomas Fisher Rare Book Library, University of Toronto. Catalogue of MS Coll. William Boyne no. 9.

This unpublished work covers bronze weights and coins of Rome, Italy and Greek Imperial coins (except Egypt). It also includes silver and copper Latin colonial coinage. (Mark E. Tooth)

355 BURSCHE, ALEKSANDER. Celtic, Roman and Merovingian coins in North-West Germany: Remarks on Frank Berger's *Untersuchungen zu römischerzeitlichen Münzfunden in Nordwestdeutschland.* Berlin 1992 (SFMA No. 9). NC 154 (1994) pp. 225-41.

The work of F. Berger is the first since the times of S. Bolin to treat in a complex and novel manner the numismatic evidence from a large area of Barbaricum. Many of the author's analyses and conclusions apply to areas beyond the investigated territory of northwest Germany. In particular this applies to the political role of the flow of coinage as tribute, gifts or payment for German soldiers in Roman service. A detailed analysis of finds and their interpretation in the context of a Roman presence east of the Rhine has a fundamental impact on such important questions as the chronology of Celtic coin issues, the distribution and circulation of Roman coins, as well as questions of a theoretical nature, concerning the historical interpretation of numismatic finds. (Author)

356 BURSCHE, ALEKSANDER. Pourquoi les *denarii* frappés après 194 étaient-ils absents dans le Barbaricum. T. Hackens *et al.* (eds.), *Proceedings of the XIth International Numismatic Congress* vol. 2 (Louvain-la-Neuve 1993) pp. 297-304.

357 BUTCHER, KEVIN. Some rare or unpublished Cilician coin types. *NCirc* 101 no. 3 (April 1993) p. 75 illus.

358 BUTTREY, T.V. Calculating ancient coin production: facts and fantasies (Presidential Address). *NC* 153 (1993) pp. 335-51.

The method by which figures for the numbers of dies used in the Roman Republican coinage were generated, and the rate of coin production from these dies was calculated, is untenable. It is impossible—and always will be impossible—to discover how much coin was produced at the mint of Rome at any time, for there are no data. To build on guesses, and on unbridled extrapolations from small evidence, is to corrupt the scholarly foundations of our studies. (Author)

359 CACCAMO CALTABIANO, M. Il tesoretto di oro “marziale” da Agrigento e il problema delle origini del sistema denariale. T. Hackens *et al.* (eds.), *Proceedings of the XIth International Numismatic Congress* vol. 2 (Louvain-la-Neuve 1993) pp. 109-16.

360 CALLAGHER, BRUNO. Le monete. E. Cavada, ed., *Archeologia a Mezzocorona. Documenti per la storia del popolamento rustico nell'area atesina* (Bolzano 1994) pp. 149-79 illus.

This article catalogues 75 imperial coins from Antoninus Pius to Valentinian III. In particular, a hoard of 18 antoniniani (Aurelian and Carus) was discovered.

(A. Carignani)

361 CARRETE I NADAL, J.M. La circulación monetaria a Tárraco del 346 al 400. *III Reunión d'Arqueologia Cristiana Hispánica* (Barcelona, IEC 1994) pp. 235-42.

362 CARRIÉ, JEAN-MICHEL. L'economia e le finanze. *Storia di Roma III. L'età tardoantica. 1. Crisi e trasformazioni* (Turin 1993) pp. 751-87.

The author discusses the development of the monetary economy of the fourth century, from the disorder at the end of the third century to the stability regained under Theodosius. The economic steps taken during the fourth century spring from the Diocletianic/Constantinian reforms.

(A. Carignani)

363 CARRIÉ, JEAN-MICHEL. Le riforme economiche da Aureliano a Costantino. *Storia di Roma III. L'età tardoantica. 1. Crisi e trasformazioni* (Turin 1993) pp. 283-324.

The period from Aurelian to Constantine displays a general resumption of the Roman economy after the deep crisis that characterized the previous 50 years. The author examines the various monetary and fiscal initiatives adopted in the course of

the last third of the third century that formed the basis of the consolidation of imperial finances. (A. Carignani)

364 CARTER, G.F. The Non-Random Character of Various Collections of Crepusius Denarii. T. Hackens *et al.*(eds.), *Proceedings of the XIth International Numismatic Congress* vol. 2 (Louvain-la-Neuve 1993) pp. 141-48.

365 CATALLI, FIORENZO. Monete scoperte a Lucus Feroniae. T. Hackens *et al.*(eds.), *Proceedings of the XIth International Numismatic Congress* vol. 2 (Louvain-la-Neuve 1993) pp. 191-94.

366 CAVADA NIETO, M. *La crisis económico-monetaria del s. III; ¿Un mito histográfico?* Santiago, Tórculo Ediciones 1994. 144 pp.

367 CELA, X., E. CHADWICK, C. MARTI, and C. PUERTA. Un tesorillo de Aurei de época Claudia hallada en la romana Iluro (Mataró, El Maresme). *IX Congreso Nacional de Numismática, Elx 1994* (Elx 1994) pp. 185-200.

368 CEPEDA, JUAN JOSÉ. Due ripostigli monetali di V secolo d.C. rinvenuti a Roma. Villa Giulia, 1922—Pratica di Mare, 1967. *BollNum* 16-17 (1991) pp. 7-216 illus.

The author presents and analyzes two hoards from the period of Valentinian III, one found at Villa Giulia in 1922 (ca. 1700 bronze coins) and one at Pratica di Mare in 1967 (174 coins). (A. Carignani)

369 CHRISTIANSEN, JOHN CHRISTIAN. A unique bronze coin of Augustus from the island of Keos in the Cyclades. *NCirc* 101 no. 3 (April 1993) p. 76 illus.

370 CIOFU, VALERIAN. Ancient numismatics around the Lower Danube. *RBN* 139 (1993) pp. 31-36.

The author discusses the gold coins of the Odrysian king Koson struck in the first century B.C. and the antoniniani of Trajanus Decius and Aurelian with the representation of Dacia on their reverses. (Johan van Heesch)

371 CIRON, H. Le monnayage d'Antipolis. T. Hackens *et al.*(eds.), *Proceedings of the XIth International Numismatic Congress* vol. 2 (Louvain-la-Neuve 1993) pp. 155-58.

372 COX, S.E. The temple of Concord on Tiberian Sestertii. T. Hackens *et al.*(eds.), *Proceedings of the XIth International Numismatic Congress* vol. 2 (Louvain-la-Neuve 1993) pp. 259-64.

373 DAVIES, J.A. The study of coin finds from Romano-British towns. S.J. Greep, ed., *Roman Towns: the Wheeler Inheritance. A review of 50 years' research*. Council for British Archaeology Research Report 93 (1993) pp. 123-33.

374 DESNIER, JEAN-LUC. *Restitutor aeris*. Les choix d'Octave en Gaule. *CENB* 31 no. 2 (1994) pp. 25-32.

375 DOYEN, JEAN-MARC. Une imitation de Tétricus II découverte au Népal. *CENB* 30 no. 1 (1993) pp. 16-18 illus.

376 DOYEN, JEAN-MARC. La chapelle Saint-Hilaire (Ossogne) à Matagne-la-Petite (Prov. de Namur). Site antique et médiéval. *Amphora* 70 (1993) pp. 34-40.

Fourteen Roman coins from Vespasian to Arcadius are described.

(Johan van Heesch)

377 DOYEN, JEAN-MARC. Un trésor de bronzes du Haut-Empire Roman découvert dans le Hainaut belge (Givry?). *Amphora* 70 (1993) pp. 26-33.

162 sestertii and 1 as, probably found at Givry (Belgium), are described. The hoard contains coins from Vespasian or Titus to Commodus but two imitations of double sestertii of Postumus may also belong to this find.

(Johan van Heesch)

378 DOYEN, JEAN-MARC. Les trésors de Chimay et de Dailly III (Hainaut): sesterces du Haut-Empire. *CENB* 31 no. 3 (1994) pp. 56-60.

379 ESTIOT, S. La première émission d'or au nom d'Aurélien à Siscia (270 A.D.). T. Hackens *et al.*(eds.), *Proceedings of the XIth International Numismatic Congress* vol. 2 (Louvain-la-Neuve 1993) pp. 327-34.

380 ESTY, WARREN W., NANCY EQUALL, and RICHARD J. SMITH. The alloy of the 'XI' coins of Tacitus. *NC* 153 (1993) pp. 201-4.

The silver contents of six of the very rare 'XI' and 'IA' radiates of the Roman emperor Tacitus (A.D. 275-76) are given. The core silver percentages are 3.85, 8.36, 12.46, 9.94, 5.75 and, for one coin of Tripolis, 3.06. To find the core percentage, it is

very important to avoid the surface silvering. Coins analyzed at more than one depth below the surface always yielded lower percentages at deeper sites. Overall, including the surface silvering, the mean silver percentage of this issue is probably in the range of eight to ten percent. (Authors)

381 FACHIN, M.C. Monetary Iconography in Marc Antony's Issues. T. Hackens *et al.*(eds.), *Proceedings of the XIth International Numismatic Congress* vol. 2 (Louvain-la-Neuve 1993) pp. 159-62.

382 FERRETTI, D. Aes rude : forme standartizzate a Carsoli? T. Hackens *et al.*(eds.), *Proceedings of the XIth International Numismatic Congress* vol. 2 (Louvain-la-Neuve 1993) pp. 95-98.

383 FREY-KUPPER, S. Les trouvailles monétaires de Monte Iato (Sicile) et les monnaies du magistrat Lucius Metellus émises à *Panormos* et à *Iaitas*. T. Hackens *et al.*(eds.), *Proceedings of the XIth International Numismatic Congress* vol. 2 (Louvain-la-Neuve 1993) pp. 185-90.

384 GARZON BLANCO, J.A. Las emisiones monetarias de Marco Aurelio: la propaganda imperial y su documentación. *IX Congreso Nacional de Numismática, Elx 1994* (Elx 1994) pp. 233-40.

385 GARZON BLANCO, J.A. Iconografía numismática de los periodos asiaticos y africanos en Trajano Decio y Antonino Pio. *VIII Congreso Nacional de Numismática, Aviles 1992* (Madrid 1994) pp. 171-83.

386 GENEROSO, C. Il problema del rafforzamento ponderale del denario romano nella seconda metà del II secolo a.c. attraverso l'esame statistico. T. Hackens *et al.*(eds.), *Proceedings of the XIth International Numismatic Congress* vol. 2 (Louvain-la-Neuve 1993) pp. 129-32.

387 GILLES, KARL-JOSEF. Der große römische Goldmünzenfund aus Trier. Funde und Ausgrabungen im Bezirk Trier. *Arbeit des Rheinischen Landesmuseums Trier* 26 = *Kurtrierisches Jahrbuch* 34 (Trier, Rheinisches Landesmuseum 1994) pp. 9-24 illus.

388 GILLJAM, HANS. Neun Antoniniane Laelians aus einem Fund in der Picardie. *NNb* 44 (1995) pp. 60-61 illus.

389 GILLJAM, HANS. A new gold coin of Postumus. *NC* 153 (1993) pp. 205-6 illus.

This new gold coin of Postumus, found in 1986 in a Roman tomb in Cologne, is so far the only known specimen with the obverse legend POSTIMVS. It was struck from the same pair of dies as the billon denarius from the Bavai hoard of 1952 (cf. J. Gricourt, *Gallia* 1958). This first coinage of Postumus would have been struck in the early summer of 260 as a donative issue. (Author)

390 GOLDHAHN, CHRISTEL. *Die Wernersche Münzsammlung der Bergakademie Freiberg in Sachsen. Teil II: Münzen der römischen Kaiserzeit (Augustus bis Marcus Aurelius)*. Freiberg, Veröffentlichungen der Bibliothek "Georgius Agricola" der TU Bergakademie Freiberg 126.

391 GOMIS JUSTO, M. Ercavica: la emisión de Caligula. Estimación del número de cuños originales. *VIII Congreso Nacional de Numismática, Aviles 1992* (Madrid 1994) pp. 319-30.

392 GORINI, GIOVANNI. Monete romane del Graticolato. *Associazione del Graticolato Romano Quaderno 2* (Loreggia 1990) pp. 13-18 illus.

The author catalogues 20 coins ranging from a denarius of 179-170 B.C. to a half follis of Justin II (A.D. 565-578) from the province of Padua. (A. Carignani)

393 GORINI, GIOVANNI. L'evidenza numismatica come dato archeologico e data economico. E. Cavada, ed., *Archeologia a Mezzocorona. Documenti per la storia del popolamento rustico nell'area atesina* (Bolzano 1994) pp. 247-65.

394 GRIGOROVA, V. Economic Relations of Pautalia and its Territory in the IIInd-IIIrd Century (after Numismatic Data). T. Hackens *et al.* (eds.), *Proceedings of the XIth International Numismatic Congress* vol. 1 (Louvain-la-Neuve 1993) pp. 337-42.

395 GURT, J.M. and T. MAROT. Estudio del models de circulació monetària a les Balears: Pollentia (Alcudia, Mallorca). *III Reunión d'Arqueologia Cristiana Hispànica* (Barcelona, IEC 1994) pp. 223-33.

396 GURT, J.M. and P. PADROD. El tesoro de moneda de la Casa Romana del carrer Lladó. *Carrer dels Arbres 4* (Museo de Badalona 1993) pp. 29-37.

397 GUZZETTA, GIOVANNI. Il tesoretto di età repubblicana da S. Lucia. *Il Museo di Taranto. Cento anni di archeologia* (Tarentum 1988) pp. 267-71 illus.

The author examines a hoard found at Tarentum in 1897, dispersed and later reassembled in the Museo Nazionale there. Composed originally of 102 denarii (99 currently surviving), the hoard was buried at the end of the second century B.C.

(A. Carignani)

398 GYSEN, PHILIPPE. A propos d'un antoninien de Probus de l'atelier de Rome. *CENB* 31 no. 2 (1994) pp. 33-37.

A rare *antoninianus* of the emperor Probus, struck at Rome, is discussed. The obverse has the legend *imp Probus p fe avg*.

(Johan van Heesch)

399 HILDEBRANDT, HANS JOACHIM. Die Metrologie der frühen römischen Münzprägung. Mit einem Informatikbeitrag von W. Böhmer. *JNG* 42/43 (1992/93 [1994]) pp.13-38.

This is a new approach to the metrology of early Roman coinage, for the first time showing the relationship between struck silver, cast aes and struck aes coinage. These metrological results show the very close relationship between Roman coins and the earlier currencies of the Italian peninsula.

(Gerd Stumpf / Bernhard Overbeck)

400 HOLLSTEIN, W. Maritime Thematik und das Seeräuberproblem auf römisch-republikanischen Münzen in der Zeit zwischen den Bürgerkriegen. T. Hackens *et al.* (eds.), *Proceedings of the XIth International Numismatic Congress* vol. 2 (Louvain-la-Neuve 1993) pp. 133-40.

401 HOLSCHER, TONIO. *Monumenti statali e pubblico*. Rome, L'Erma di Bretschneider 1994. 275 pp. illus.

This is re-publication of selected articles by the author on the art of representation in Roman culture from the Republic to the Empire. One of these articles (pp. 75-89) is devoted to the importance of coinage in understanding the art of representation. Another (pp. 94-105) is devoted to the transformation of the political language of coins in the late Republic.

(A. Carignani)

402 JAMES, H.M. *Excavations on the site of Flawford Church. 1967-1984*. Nottingham 1994.

Twelve Roman, two Anglo-Saxon, eight later coins and two jetons are noted from the excavation on the site of a Romano-British villa, Anglo-Saxon and later Medieval Church.

(Stephen Doolan)

403 JENKINS, M.R. Mythological Depictions on the Contorniates: an Insight into Ancient Die-Artists at Work. T. Hackens *et al.*(eds.), *Proceedings of the XIth International Numismatic Congress* vol. 2 (Louvain-la-Neuve 1993) pp. 341-46.

404 KAMPMANN, URSULA. Asklepios mit Omphalos in der römischen Reichsprägung. Zu einem Beispiel der Beeinflussung der Reichsprägung durch Lokalmünzen. *JNG* 42/43 (1992/93 [1994]) pp. 39- 48 illus.

First on an aureus of Caracalla from A.D. 214 appears a globelike object that cannot be connected with representations of Providentia, but with the god Asclepius of Pergamum, as the evidence of the Pergamene bronze coinage shows. Aesculapius of the Imperial coinage may be identified with the "deus Pergameus," since thanks to this deity the emperor Caracalla regained his health during his visit to the sanctuary of this god in Pergamum.
(Gerd Stumpf / Bernhard Overbeck)

405 KRISHNAMURTHY, R. Two New Republican Denarii Finds from Tamil Nadu. *Numismatic Studies* 3 (1993) pp. 31-34 illus.

Two Republican denarii from Tamil Nadu are described. The findings of these coins is taken by the author as adding more evidence to prove that the Roman trade with the Tamils started during the third century B.C.
(Amiteshwar Jha)

406 KROMANN, ANNE. Gudme and Lundeberg. The Coins. *The Archaeology of Gudme and Lundeberg. Papers presented at a Conference at Svendborg, October 1991. Arkæologiske Studier* 10 (1994) pp. 64-67.

The author surveys and comments on the finds of Roman coins from the two sites on Funen, Denmark, up to 1991. The coins can be divided into three main groups: 1) denarii from the 1st to the 3rd century; 2) solidi from the 4th century; and 3) siliquae from the 3rd century. The total number in 1991 was 607 coins.

(Ulla Westermarck)

407 KUMPIKEVICIUS, G.C. An Unpublished Denarius of Gordian III. *Aureus Investments* (Spring 1988) pp. 6-11 illus.

The author discusses the denarii of Gordian III struck before the mid-240s and their typology.
(Mark E. Tooth)

408 KUMPIKEVICIUS, G.C. The Coinage of Annia Faustina. *Picus* 1 (1992) pp. 77-95.

This is a comprehensive look at the coinage of this empress, including a catalogue of known types.
(Mark E. Tooth)

- 409** KUMPIKEVICIUS, G.C. Constantine I, Restitutor Romae: A Confirmation of a Historic Coin Type. *Picus* 2 (1993) pp. 93-97.

This article focuses on a coin struck to celebrate the battle of the Milvian Bridge, of which a second specimen has been found. It includes corrections to previous papers on the subject.
(Mark E. Tooth)

- 410** KUMPIKEVICIUS, G.C. Tetrarchic Fraternity: A Diocletianic Celebration of Maximian. *Aureus Investments* (Spring 1989) pp. 1-28 illus.

The author discusses an unpublished tetradrachm of Diocletian and the dynastic propaganda of the Jovian dynasty focusing on a new historical reverse type.
(Mark E. Tooth)

- 411** KUMPIKEVICIUS, G.C. and M.E. TOOTH. Two Unpublished Roman Coins from the Mark Tooth Collection. *Picus* 2 (1993) pp. 59-66.

This paper discusses the coinage of Odessos, Tomis and Markianopolis struck under Gordian III. The paper also looks at an unpublished antoninianus of Claudius II (Gothicus).
(Mark E. Tooth)

- 412** KUNISZ, A. La circulation monétaire sur les territoires de la Thrace et de la Mésie aux I^{er} et II^e siècles ap. J.-C. T. Hackens *et al.* (eds.), *Proceedings of the XIth International Numismatic Congress* vol. 1 (Louvain-la-Neuve 1993) pp. 331-36.

- 413** LALLEMAND, JACQUELINE. Monnaies de sites et trésors. *Découvertes récentes en Wallonie. Dossier de la Commission royale des Monuments, Sites et Fouilles* 1 (1993) pp. 121-24.

- 414** LALLEMAND, JACQUELINE. De Romeinse munten van Kruishoutem. M. Rogge and L. Beeckmans, eds, *Geld uit de grond. Tweeduizend jaar muntgeschiedenis in Zuid-Oost-Vlaanderen* (Zottegem 1994) pp. 61-63 illus.

This contribution contains some general remarks on the Roman coins found at Kruishoutem (Belgium). A rare medallion of the emperor Commodus is illustrated.
(Johan van Heesch)

- 415** LALLEMAND, JACQUELINE. De muntschatten van Velzeke. M. Rogge and L. Beeckmans, eds., *Geld uit de grond. Tweeduizend jaar muntgeschiedenis in Zuid-Oost-Vlaanderen* (Zottegem 1994) pp. 74-78 illus.

This article contains a general discussion and an updated list of the 3 Roman coin hoards found at Velzeke (Belgium): Velzeke 1 (Valerianus-Gallienus), Velzeke 2

(Postumus), and Velzeke 3 (Hadrian). Velzeke 1 was published in 1971 as having been found at Oombergen. (Johan van Heesch)

416 LALLEMAND, JACQUELINE. De muntschat van Grotenberge. M. Rogge and L. Beeckmans, eds., *Geld uit de grond. Tweeduizend jaar muntgeschiedenis in Zuid-Oost-Vlaanderen* (Zottegem 1994) pp. 79-81.

The author discusses the Roman coin hoard of Grotenberge (2372 *antoniniani*) already published by P. Naster in *RBN* (1951). (Johan van Heesch)

417 LALLEMAND, JACQUELINE. Rapport des fouilles de sauvetage de 1979 à 1986 sur le plateau de Mageroux à Saint-Mard (Virton): Les monnaies. A. Cahen *et al.*, eds., *Un quartier artisanal de l'agglomération gallo-romaine de Saint-Mard (Virton)* (Namur, 1994) pp. 47-49.

Two Celtic and 25 Roman coins are published. (Johan van Heesch)

418 LALLEMAND, JACQUELINE. Un secteur du quartier gallo-romain au plateau de Mageroux à Saint-Mard (Virton): les monnaies. A. Cahen *et al.*, eds., *Un quartier artisanal de l'agglomération gallo-romaine de Saint-Mard (Virton)*. (Namur, 1994) pp. 136-37.

Five Roman coins are described. (Johan van Heesch)

419 LALLEMAND, JACQUELINE. Les moules monétaires de Saint-Mard (Virton, Belgique) et les moules de monnaies impériales romaines en Europe: essai de répertoire. A. Cahen *et al.*, eds., *Un quartier artisanal de l'agglomération gallo-romaine de Saint-Mard (Virton)* (Namur, 1994) pp. 141-77 illus.

420 LALLEMAND, JACQUELINE. Les monnaies. R. Brulet, ed., *Liberchies, vicus gallo-romain*, vol. 2 (Louvain-la-Neuve 1993) pp. 127-33.

421 LALLEMAND, JACQUELINE. Les monnaies. R. Brulet, ed., *Braives gallo-romain*, vol. 5, *La fortification du Bas-Empire* (Louvain-la-Neuve 1993) pp. 78-87 and 249-50.

422 LA ROCCA, EUGENIO. "Memore di Castore": principi come Dioscuri. Leila Nista, ed., *Castores. L'immagine dei Dioscuri a Roma* (Rome 1994) pp. 73-90 illus.

423 LEONARD, R.D., JR. Cut Bronze Coins in the Ancient Near East. T. Hackens *et al.* (eds.), *Proceedings of the XIth International Numismatic Congress* vol. 1 (Louvain-la-Neuve 1993) pp. 363-70.

424 LEVI, MARO ATTILIO. *Adriano Augusto. Studi e ricerche.* Centro Ricerche e Documentazione sull'Antichità Classica. Monografie 16. Rome, L'Erma di Bretschneider 1993. 148 pp.

In the second chapter of this volume, dedicated to the messages on coins of Hadrian, the author treats (in alphabetical order) the personifications (Abundantia, Aequitas, Aeternitas, etc.) and divinities (Apollo, Bacchus, Ceres, etc.) which appear on the coins.
(A. Carignani)

425 LICHOCKA, B. Apollon et Artémis sur les monnaies alexandrines d'Antonin le Pieux. T. Hackens *et al.* (eds.), *Proceedings of the XIth International Numismatic Congress* vol. 1 (Louvain-la-Neuve 1993) pp. 405-11.

426 LIMBREE, C. and P. MIGNOT. *Archéologie à Rochefort. Fouilles à la villa romaine et au château comtal.* Rochefort 1993. 38 pp.

A description of 12 Roman coins from Trajan to Valentinian I is given.

(Johan van Heesch)

427 LIND, L. The Monetary Reforms of Nero, Domitian and Septimius Severus and the Finds of Roman Denarii in Eastern and Northern Europe. T. Hackens *et al.* (eds.), *Proceedings of the XIth International Numismatic Congress* vol. 2 (Louvain-la-Neuve 1993) pp. 289-96.

428 LIZZI, RITA and FRANCA CONSOLINO. Le religioni nell'Impero tardoantico: persistenze e mutamenti. *Storia di Roma III. L'età tardoantica. 1. Crisi e trasformazioni* (Turin 1993) pp. 895-974.

429 LO CASCIO, ELIO. Dinamiche economiche e politiche fiscali fra i Severi e Aureliano. *Storia di Roma III. L'età tardoantica. 1. Crisi e trasformazioni* (Turin 1993) pp. 247-82.

The themes of financial crisis, monetary devaluation, inflationary dynamics, etc. characterize the economic panorama of the Empire between Caracalla and Aurelian.

(A. Carignani)

430 LÖNNQVIST, K.A. New Vistas on the Countermarked Coins of the Roman Prefects of Judaea. *INJ* 12 (1992/93 [1994]) pp. 56-70 illus.

Twenty copper coins of the Roman Procurators of Judaea are published. All of them bear a countermark showing a branch and the Greek letters, CFI which the author explains as a reference to a Roman cohort moved to Judaea in about 36/37 A.D. (Arnold Spaer)

431 MACDOWALL, D.W. and AMAL KUMAR ANDJHA. Three Indian Copies of the Pontif Maxim Denarius of Tiberius. *NumDigest* 16 (1992) pp. 52-57 illus.

The authors publish three silver coins of Tiberius of the PontifMaxim type which they suggest to be Indian copies made in the 1st-2nd centuries A.D. (Amiteshwar Jha)

432 MACDOWALL, D.W. and A.V.M. HUBRECHT. Countermarks on the Aes of Claudius from Nijmegen. T. Hackens *et al.*(eds.), *Proceedings of the XIth International Numismatic Congress* vol. 2 (Louvain-la-Neuve 1993) pp. 265-68.

433 MARCHETTI, P. Les fausses certitudes de la numismatique républicaine du I^{er} siècle. T. Hackens *et al.*(eds.), *Proceedings of the XIth International Numismatic Congress* vol. 2 (Louvain-la-Neuve 1993) pp. 99-108.

434 MAROT, T. El significado cronológico de las imitaciones bajo-imperiales: estudio de un tesorillo hallado en Barcelona. *VIII Congreso Nacional de Numismática, Aviles 1992* (Madrid 1994) pp. 381-99.

435 MAROT, T. Monedas procedentes de la Porta Decumana de Barcino: un ejemplo de circulación monetaria tardoromana. *IX Congreso Nacional de Numismática, Elx 1994* (Elx 1994) pp. 203-14.

436 MARQUES DE FARIA, A. Novos elementos para estudo das monedas romanas carimbadas. *Nummus* 14-15 (1991-92) pp. 7-18.

437 MARQUES DE FARIA, A. Tres tesouros monetarios romanos de época republicana. *Nummus* 14-15 (1991-92) pp. 79-94.

438 MARTINI, RODOLFO. *Sextus Pompeius. Le emissioni hispaniche del tipo CN-MAG, le serie di Eppius e gli assi siciliani.* Glaux, serie speciale 1 (Milan 1995). 482 pp.

439 MARTINI, RODOLFO. *Le monete. Sub ascia. Una necropoli romana a Nave* (Modena 1988).

The author presents eight Republican and 14 imperial coins from the Roman necropolis of Nave. (A. Carignani)

440 MAZZEI, M. Carlantino (Foggia), corso Europa, in *Notiziario delle attività di tutela* (Sprontendenza Archeologica della Puglia). *Taras, Rivista di Archeologia* 8, 1-2 (1988) pp. 82-84 illus.

The article describes a stater of the mint of Tarentum found during construction work in the province of Foggia. The coin dates to the period of the alliance between Rome and Tarentum (272-235 B.C.). (A. Carignani)

441 MAZZOTTA, B. Osservazioni sulla circolazione monetaria di età repubblicana nella Regione Emilia Romagna. Il numerario romano d'argento. T. Hackens *et al.*(eds.), *Proceedings of the XIth International Numismatic Congress* vol. 2 (Louvain-la-Neuve 1993) pp. 171-84.

442 MERTEN, STEFAN. Probus als pacator orbis. Eine unbekannte Büste des Probus mit Friedensweig auf einem Antonian. *NNb* 43 (1994) pp. 200 illus.

443 MICHAELIDOU-NICOLAOU, INO. Four Ptolemaic/Roman hoards from Cyprus. *NC* 153 (1993) pp. 11-29 illus.

These hoards give an idea of the coinage which normally circulated in Cyprus in the Ptolemaic and Roman (1st to early 2nd centuries A.D.) periods, and attest at the same time contacts of the island with neighbouring countries, namely Egypt, Palestine, Syria, Asia Minor, and Arabia. (Author)

444 MICHAELIDOU-NICOLAOU, INO. Numismatica Varia. T. Hackens *et al.* (eds.), *Proceedings of the XIth International Numismatic Congress* vol. 1 (Louvain-la-Neuve 1993) pp. 357-62.

445 MIERSE, WILLIAM. Temple images on the coinage of southern Iberia. *RBN* 139 (1993) pp. 37-57.

Temple representations on coins of the Iberian peninsula from the first century B.C. to the first century A.D. are discussed. The following city-coinages are studied: Gades, Malaca, Abdera, Ilici, and Carthago Nova. (Johan van Heesch)

446 MIHAILESCU-BÎRLÎBA, V. Die römisch-dakischen Kriege und die numismatischen Entdeckungen. T. Hackens *et al.*(eds.), *Proceedings of the*

XIth International Numismatic Congress vol. 2 (Louvain-la-Neuve 1993) pp. 269-74.

447 MISSERE, GIANLUIGI and GIORGIO BOCCOLARI. La raccolta numismatica dell'Accademia di Scienze, Lettere ed Arti di Modena. III. Le monete della Repubblica di Roma. *Atti e Memorie dell'Accademia Nazionale di Scienze Lettere e Arti, Modena* s. 7 vol. 10 (1992-93 [1994]) pp. 45-80 illus.

A catalogue of 346 coins is accompanied by complete photographic documentation. Among other coins are an example of a Minerva/horsehead piece, a libral *as* with the prow, numerous victorates, denarii, and an aureus of Aulus Hirtius.

(Sara Sorda)

448 MOREAUX, MICHEL. Les dieux sur les monnaies de l'empire. *Vie num* 43 no. 3 (1993) pp. 75-90, 43 no. 4 (1993) pp. 120-27.

449 MOREAUX, MICHEL. Monnaies rares de la période constantinienne. *CENB* 31 no. 3 (1994) pp. 61-65 illus.

Four rare Roman *folles*, not cited in RIC, are discussed: Maximinus Daza (Ticinum), Constantinus II (Aquileia), and Licinius II (Trier). (Johan van Heesch)

450 MOSTECKI, HELMUT. Ein spätantiker Münzschatz aus Sassari, Sardinien (2. Hälfte des 5. Jhdts.). *NotchiostroMonMagg* 51-52 (1993) pp. 129-206 illus.

The author presents two hoards found at Sassari in Sardinia composed (respectively) of 1269 and 60 coins. The first includes coins from the third century to the second half of the fifth century A.D., while the second is composed of examples from Constans II to Valentinian III.

(A. Carignani)

451 MUNRO-WALKER, PAUL. An unorthodox 'Antoninianus' of Tacitus. *NCirc* 101 no. 5 (June 1993) p. 151 illus.

452 NISTA, LEILA. L'iconografia dei Dioscuri del Quirinale e il restauro di Sisto V. L. Nista, ed., *Castores. L'immagine dei Dioscuri a Roma* (Rome 1994) pp. 193-208 illus.

The statue of the Dioscuri of the Quirinal, in which both hold the horse's bridle, comes from the Baths of Constantine. This scheme, recurring on sarcophagi from the Severan period, is also found on some coins of Maxentius. The second part of this article discusses the restoration of the statue group in the Piazza del Quirinale under Pope Sixtus V. This action was recorded on a medal of 1589 whose reverse shows the statues in their new context.

(A. Carignani)

453 NOLLÉ, JOHANNES. Kaiserliche Privilegien zu Gladiatorenmunera und Tierhetzen. Unbekannte und ungedeutete Zeugnisse auf städtischen Münzen des griechischen Ostens. *JNG* 42/43 (1992/93 [1994]) pp. 49-82 illus.

This contribution deals with those local coins of the Greek East that give evidence to the gladiatorial munera. Author shows there are not only those known coins Synnada that have represented the topic of gladiatorial munera and the hunting of wild beasts, but that there are far more so far not sufficiently explained coin types that deal with the same theme. Cities of Asia minor like Synnada, Cremna and Side show the rectangular shield of the gladiator as a token of extraordinarily abundant donations for the organization of gladiatorial games and hunts of wild animals, approved by the emperor. Those festivities needed the imperial approval if they superceded a certain dimension. Of course such an Imperial approval improved the reputation of a city thus distinguished. Under certain circumstances this was propagated by the city on its local coinage. (Author)

454 OCHARAN LARRONDO, J.A. El denario de Celse. *VIII Congreso Nacional de Numismática, Aviles 1992* (Madrid 1994) pp. 285-86.

455 ORTU, ALESSANDRA. Alcune sepolture nella necropoli romana di Pau Congianus. *Quaderni della Soprintendenza Archeologica delle provincie di Cagliari e Oristano* 10 (1993) pp. 219-30 illus.

Three coins (two sestertii of Antoninus Pius and Severus Alexander, and an antoninianus of Galerius Maximianus) were found in the excavation of some tombs in a necropolis of the mid- and late empire near Cagliari. (A. Carignani)

456 PARISI PRESICCE, CLAUDIO. I Dioscuri capitolini e l'iconografia dei gemelli divini in età romana. L. Nista, ed., *Castores. L'immagine dei Dioscuri a Roma* (Rome 1994) pp. 153-91 illus.

The author presents a thorough study of the iconography of the Capitoline Dioscuri, discovered in the area of the Ghetto during the papacies of Paul IV and Pius IV. In this complete repertory of images with this iconography are a tetradrachm of Eumenes II of Pergamum and a medallion of Commodus from the collection of the Museo Nazionale Romano (previously the Gnechi collection). (A. Carignani)

457 PARRADO CUESTA, M.S. Estudio de la moneda hispano-romana de Adturica Augusta a través de sus densidades. *VIII Congreso Nacional de Numismática, Aviles 1992* (Madrid 1994) pp. 267-84.

458 PASSI PITCHER, L., ed. *Riti e sepolture fra Adda e Oglio (dalla tarda età del ferro all'altomedioevo)*, Catalogo della mostra (Rocca di

Soncino, May-June 1990). Milan, Soprintendenza Archaeologica della Lombardia 1990.

The author reviews coin finds from the Republican period through the fourth century A.D. from individual tombs in the region between the Adda and Oglio rivers in Lombardy.
(A. Carignani)

459 PAZ BERNARDO, J. Dos variantes inéditas (Denario de Eliogáballo, follis de Constantino II). *GacNum* 115 (1994) p. 65.

460 PEDRONI, LUIGI. Nuovo contributo allo studio della cronologia dei primi didrammi di Roma. *BollNum* 16-17 (1991) pp. 243-59.

461 PELLICER I BRU, J. O B Numerales griegos metrológicos en la amonedación romana. *IX Congreso Nacional de Numismática, Elx 1994* (Elx 1994) pp. 241-45.

462 PENNESTRI, S. Per un catalogo dei piombi antichi delle Raccolte Numismatiche Torinesi. T. Hackens *et al.* (eds.), *Proceedings of the XIth International Numismatic Congress* vol. 1 (Louvain-la-Neuve 1993) pp. 391-96.

463 PERA, ROSSELLA. Monete di Caligola nella Civica Collezione Numismatica. *Bollettino dei Musei Civici Genovesi* 15 nos. 43-44-45 (1993) pp. 17-25 illus.

The author publishes a denarius and 39 bronze coins currently in the civic collection at Genoa.
(A. Carignani)

464 POENARU-BORDEA, G. and R. OCHESEANU. La circulation monétaire à Tomis aux VI^e-V^e siècles. T. Hackens *et al.* (eds.), *Proceedings of the XIth International Numismatic Congress* vol. 2 (Louvain-la-Neuve 1993) pp. 355-70.

465 POLOSA, A. Un ripostiglio da Sulmona. T. Hackens *et al.* (eds.), *Proceedings of the XIth International Numismatic Congress* vol. 2 (Louvain-la-Neuve 1993) pp. 117-28.

466 PONCELET, CAMILLE. Deux monnaies de bronze au nom de Postume. *CENB* 30 no. 1 (1993) pp. 14-15 illus.

Two imitations of double sestertii of Postumus (one found in France, Loiret) are published.
(Johan van Heesch)

467 PONCELET, CAMILLE. Singularité de certains surmoulages des doubles sesterces de Postume. *CENB* 31 no. 2 (1994) pp. 40-41 illus.

468 POTTER, TIMOTHY W. *Una stipe votiva da Ponte di Nona*. Rome, De Luca Editore 1989.

In the votive offering discovered in excavations of the British Academy at the Ponte di Nona on the Via Praenestina are 24 Republican coins, in large part from the "prow" series. The offering appears to have come from a sacred area frequented between 250 and 150 B.C. (A. Carignani)

469 POULSEN, BIRTEN. Ideologia, mito e culto dei Castori a Roma: dall'età repubblicana al tardo-antico. L. Nista, ed., *Castores. L'immagine dei Dioscuri a Roma* (Rome 1994) pp. 91-100 illus.

The author discusses coins on which this subject appeared, from antecedents from Magna Graecia (octobol of the Brettii), through denarii of the third to first centuries B.C. and an aureus struck in A.D. 175 on the occasion of the confirmation on Commodus of the title *princeps iuventutis*. (A. Carignani)

470 PRICE, M.J. The First Year of Coinage at Raphia. *INJ* 12 (1992/93 [1994]) pp. 76-79 illus.

The author discusses a series of six denominations of coins issued in the names of Marcus Aurelius and the young Commodus at Raphia and dated year 237 of the city's era, i.e. 177/8 A.D. (Arnold Spaer)

471 RAMOS MOLINA, A. Sobre las monedas halladas en el templo romano de Ilici. *IX Congreso Nacional de Numismática, Elx 1994* (Elx 1994) pp. 173-76.

472 REDÖ, F. Iuno Regina's Mint: Antiochia. T. Hackens *et al.* (eds.), *Proceedings of the XIth International Numismatic Congress* vol. 2 (Louvain-la-Neuve 1993) pp. 321-26.

473 REECE, RICHARD. British sites and their Roman coins. *Antiquity* 67 (1993) pp. 863-69.

An analysis of the Roman coins lost on different types of sites within Roman Britain shows strong chronological and geographical trends, as well as providing a critique for the current classification of sites. (Author)

474 RIPOLLÈS, P.P. Circulación monetaria en Hispania durante el periodo republicano y el inicio de la dinastía Julio-Claudia. *VIII Congreso Nacional de Numismática, Aviles 1992* (Madrid 1994) pp. 115-48.

475 RIPOLLÈS ALEGRE, P.P., J. MUÑOS and M. DEL M. LLORENS FORCADA. The Original Number of Dies used in the Roman Provincial Coinage of Spain. T. Hackens *et al.* (eds.), *Proceedings of the XIth International Numismatic Congress* vol. 1 (Louvain-la-Neuve 1993) pp. 315-24.

476 ROVELLI, A. Aspetti numismatici e stratigrafici a Roma tra tardo antico e medioevo: una sintesi sui dati della Crypta Balbi a Roma. T. Hackens *et al.* (eds.), *Proceedings of the XIth International Numismatic Congress* vol. 2 (Louvain-la-Neuve 1993) pp. 385-92.

477 SAGREDO SAN EUSTAQUIO, L. Distribución de los ejemplares de bronce de la caetra. *VIII Congreso Nacional de Numismática, Aviles 1992* (Madrid 1994) pp. 503-49.

478 SALZANI, LUCIANO. *Primo della storia. Inediti di 10 anni di ricerche a Verona*. Verona, Museo Civico di Storia Naturale 1989.

The author synthesizes numismatic finds of the Republican period coming from necropoles excavated in the territory of Verona. In particular, the author references the hoard of 300 silver coins found at Nogarole Rocca. (A. Carignani)

479 SAVIO, A. Quantitative Analysis of the Otho's Alexandrian Coinage (A.D. 69). T. Hackens *et al.* (eds.), *Proceedings of the XIth International Numismatic Congress* vol. 1 (Louvain-la-Neuve 1993) pp. 403-404.

480 SCHAAD, D. Le trésor d'Éauze (France, Département du Gers): monnaies et bijoux du IIIe s. ap. J.-C. T. Hackens *et al.* (eds.), *Proceedings of the XIth International Numismatic Congress* vol. 2 (Louvain-la-Neuve 1993) pp. 311-12.

481 SCHEERS, SIMONE. Catalogue of the coins found during the years 1990 and 1991. M. Waelkens, ed., *Sagalassos I. First general report on the survey (1986-1989) and excavations (1990-1991)* (Leuven, Acta Archaeologica Lovaniensia Monographiae 5, 1993) pp. 197-205 illus.

This article describes 38 Greek, Roman provincial and imperial coins found at Sagalassos (Turkey). (Johan van Heesch)

482 SCHEERS, SIMONE. Catalogue of the coins found in 1992. M. Waelkens and J. Poblome, eds., *Sagalassos II. Report on the third excavation campaign of 1992* (Leuven, Acta Archaeologica Lovaniensia Monographiae 6, 1993) pp. 249-60 illus.

This article contains a catalogue of 80 Greek, Roman provincial and imperial and Byzantine coins found at Sagalassos (Turkey). A list of stratigraphically related coins is given.
(Johan van Heesch)

483 SCHIÖLER, THORKILD. The Pompeii-Groma in new light. *Analecta Romana Instituti Danici* 22 (1994) pp. 45-60 illus.

The article discusses the technical reconstruction of the function of the *groma*, an instrument for measuring land, a unique example of which was found at Pompei in 1912. As iconographic support for the study the author cites two coins of L. Roscius Fabatius.
(A. Carignani)

484 SCHLÖSSER, E. The Late Roman Bronze Coinage from Antioch of Theodosius II to Anastasius (A.D. 425-498). T. Hackens *et al.* (eds.), *Proceedings of the XIth International Numismatic Congress* vol. 2 (Louvain-la-Neuve 1993) pp. 381-84.

485 SCHULZKI, HEINZ-JOACHIM. Geldumlauf und Geldversorgung im spätrömischen Worms. Die Fundmünzen der Grabung "Christmann" 1982. *Der Wormsgau, Wissenschaftliche Zeitschrift der Stadt Worms und des Altertumsvereins Worms e.V.* (Verlag Stadtarchiv Worms) 15 (1987/91) pp. 73-89 illus.

486 SHOTTER, DAVID. Coin-loss and the Roman occupation of North-west England. *BNJ* 63 (1994) pp. 1-19 illus.

The purpose of this paper, which is illustrated by maps and site-histograms, is to demonstrate a range of interpretative possibilities provided by the extant coin-evidence from Roman sites in northwest England; these include differentiating between alternative periods of *initial* occupation (pre-Flavian, early, middle or late Flavian, and post-Flavian), pinpointing possible breaks in occupation as garrisons were redeployed, and examining lengths of occupation through the fourth and even into the fifth centuries. The opportunity is also taken to assess the possible use of coin denominations in a discussion of the *types* of garrison which may have been employed at particular sites. The paper is prefaced with a discussion of a range of problems in acquiring a body of evidence sufficiently reliable to facilitate such an exercise.
(Author)

487 SIMON, B. Die Erneuerung des Imperiums des Augustus und ihre Auswirkungen auf die Münzpropaganda. T. Hackens *et al.*(eds.), *Proceedings of the XIth International Numismatic Congress* vol. 2 (Louvain-la-Neuve 1993) pp. 249-54.

488 STREEFKERK, M. Diep in het veen van Diepenveen. *Westerheem* 43 (1994) pp. 245-53.

The author describes a hoard of 106 denarii dating from A.D. 128 to 192. On the basis of the chronological distribution, a date throughout the reign of Antoninus Pius is argued for the coins of Diva Faustina I. The burial of this hoard is discussed in relation to other hoards found in the Netherlands with more or less the same end date.

(Author)

489 SZAIVERT, W. Die Reverstypologie des Kaisers Nero in Alexandria. T. Hackens *et al.* (eds.), *Proceedings of the XIth International Numismatic Congress* vol. 1 (Louvain-la-Neuve 1993) pp. 397-402.

490 THIRY, JEAN CLAUDE. Deux deniers anonymes des Guerres Civiles de 68-69 A.D. Un type retrouvé et un inédit (supplément correctif). *CENB* 30 no. 1 (1993) p. 18.

491 THYS, MICHEL. Un très rare denier de Tetricus I découvert près de Barcelone. *CENB* 30 no. 1 (1993) pp. 15-16 illus.

492 THYS, MICHEL. Le type "Castor" dans le monnayage de Postume. *CENB* 40 no. 4 (1993) pp. 73-85 illus.

493 TOOTH, M.E. and G.C. KUMPIKEVICIUS. *A Portrait of Anarchy: Select coins from the Mark E. Tooth Collection*. Aureus Investments Gallery, Toronto, 3 Oct. 1994.

The authors catalogue 102 third century A.D. Roman coins displayed at the opening of the gallery.

(Mark E. Tooth)

494 TRAVAGLINI, A. Presenze monetali a Hierapolis di Frigia. T. Hackens *et al.* (eds.), *Proceedings of the XIth International Numismatic Congress* vol. 1 (Louvain-la-Neuve 1993) pp. 387-90.

495 VAN HEESCH, JOHAN. The last civic coinages and the religious policy of Maximinus Daza (AD 312). *NC* 153 (1993) pp. 65-75 illus.

A group of fourth-century coins, made of bronze or billon and struck in Nicomedia, Antioch and Alexandria, is discussed. These coins, on which the imperial portrait was replaced by images of the ancient gods, are dated to A.D. 312. They constitute one of the rare direct and official documents concerning the religious policy of Maximinus Daza and reflect the anti-Christian measures taken by those cities, supported by the emperor. (Author)

496 VAN HEESCH, JOHAN. Un antoninien refrappé de Gordien III émis à Antioche. *CENB* 30 no. 2 (1993) pp. 25-29 illus.

Several restruck antoniniani of Gordian III minted at Antioch and still showing the underlying type are described. (Author)

497 VAN HEESCH, JOHAN. Asses du type 'Britannia' trouvés en Belgique. *RBN* 139 (1993) pp. 321-22.

498 VAN HEESCH, JOHAN. La fabrication des monnaies. *L'artisanat en Gaule romaine. Publié pour les 25 ans d'Archéolo-J à l'occasion du "Salon de l'Artisanat gallo-romain" Floreffe, 12-23 mai 1994* (Rixensart 1993) pp. 17-20 illus.

A short survey of the different techniques for the production of coins and coin forgeries under the Roman empire is given. (Author)

499 VAN HEESCH, JOHAN and TONY HACKENS. Arquennes/Seneffe: trésor monétaire d'aurei romains (Néron-Septime Sévère). *RBN* 140 (1994) pp. 103-105.

A short description of a Roman gold hoard found in Belgium is given. The hoard contained ca. 907 aurei from Nero to Septimius Severus; the last known coin dates from A.D. 207 (*RIC* 205). (Authors)

500 VAN HEESCH JOHAN. Het geld van de Romeinen. M. Rogge and L. Beeckmans, eds., *Geld uit de grond. Tweeduizend jaar muntgeschiedenis in Zuid-Oost-Vlaanderen* (Zottegem 1994) pp. 39-43 illus.

This contribution contains general information on Roman coinage in Gaul.

(Author)

501 VAN HEESCH JOHAN. De Romeinse munten uit Velzeke. M. Rogge and L. Beeckmans, eds., *Geld uit de grond. Tweeduizend jaar muntgeschiedenis in Zuid-Oost-Vlaanderen* (Zottegem 1994) pp. 64-69 illus.

This article is a general discussion and a short list of the Roman coins found at Velzeke (Belgium). (Author)

502 VAN HEESCH JOHAN. Munten uit muntschatten. M. Rogge and L. Beeckmans, eds., *Geld uit de grond. Tweeduizend jaar muntgeschiedenis in Zuid-Oost-Vlaanderen* (Zottegem 1994) pp. 70-73.

The author lists the Roman gold coins (already published by Callu and Lorient) and coin hoards found in the southeastern part of the province of East-Flanders in Belgium. (Author)

503 VAN HEESCH JOHAN. De schat van Mespelare. M. Rogge and L. Beeckmans, eds., *Geld uit de grond. Tweeduizend jaar muntgeschiedenis in Zuid-Oost-Vlaanderen* (Zottegem 1994) pp. 82-84 illus.

The article contains a general comment on the Roman coin hoard found at Mespelare (Belgium) in 1607 and containing some 800/900 *aurei*. A letter written in 1608 containing information on the discovery of this hoard is cited in full. The most recent coin known from this hoard is an *aureus* of the emperor Pertinax (A.D. 193).

(Author)

504 VAN HEESCH JOHAN. De schat van Edelare. M. Rogge and L. Beeckmans, eds., *Geld uit de grond. Tweeduizend jaar muntgeschiedenis in Zuid-Oost-Vlaanderen* (Zottegem 1994) pp. 85-86 illus.

This is a summary of a previously unpublished Roman coin hoard found at Edelare in Belgium. Only 47 *antoniniani* are known (1/3). The last coins are of the emperor Probus.

(Author)

505 VAN HEESCH, JOHAN. Het oudheidkundig bodemonderzoek aan de Veemarkt te Tongeren. Eindverslag 1988: munten. *Archeologie in Vlaanderen* 3 (1993) pp. 136-37.

The author describes 6 Roman coins and 1 coin of Albert and Elisabeth (1613-1615).

(Author)

506 VAN HEESCH, JOHAN. De munten. W. Vanvinckenroye, *Een bijdrage tot het stadskernonderzoek van Romeins Tongere* (Hasselt, 1994) p. 27.

Ten Roman coins from Augustus to Antoninus Pius are published. (Author)

507 VANNI, FRANCA MARIA. Monete. *Il Museo Archeologico Nazionale G.C. Mecenate in Arezzo* (Florence 1989) pp. 205-208 illus.

This is a brief presentation of eleven Italic, Republican and imperial coins currently in the collection of the archaeological museum of Arezzo. (A. Carignani)

508 VERA GARCIA, C. Gestión informatizada de una colección de monedas imperiales romanas. *VIII Congreso Nacional de Numismática, Aviles 1992* (Madrid 1994) pp. 591-603.

509 VERMEEREN, T. Prisonniers et trophées dans le monnayage des premiers Sévères. T. Hackens *et al.*(eds.), *Proceedings of the XIth International Numismatic Congress* vol. 2 (Louvain-la-Neuve 1993) pp. 281-88.

510 VITTORIO, A. Rinvenimenti monetali da contesti archeologici in Alto Adige. T. Hackens *et al.*(eds.), *Proceedings of the XIth International Numismatic Congress* vol. 2 (Louvain-la-Neuve 1993) pp. 229-40.

511 VOLLKOMMER, R. Die Zwölf Arbeiten des Herakles in der römischen Reichsprägung. T. Hackens *et al.*(eds.), *Proceedings of the XIth International Numismatic Congress* vol. 2 (Louvain-la-Neuve 1993) pp. 313-20.

512 WEDER, MARKUS R. The coinage of Aurelian and Roman Imperial Mint Forgeries. A review of Robert Göbl, *Die Münzprägung des Kaisers Aurelianus (270/275)*. Vienna 1993 (MIR No. 47). NC 154 (1994) pp. 243-66.

513 WEILLER, RAYMOND. Tessères gallo-romaines en plomb de Dalhiem-"Pétzel" (site du vicus "Ricciaco" de la table de Peutinger). *RBN* 140 (1994) pp. 19-23 illus.

Several Roman lead *tesserae* inscribed with the Latin name of the vicus Ricciaco are published. (Johan van Heesch)

514 WIGG, DAVID G. and ANGELIKA. Ein römerzeitlicher Münzschatzfund aus dem Lahntal bei Wetzlar. *Germania, Anzeiger der Römisch-Germanischen Kommission des Deutschen Archäologischen Instituts* 72 (Mainz, Philipp von Zabern 1994) pp. 298-313. ISBN 3-8053-1486-8

515 WILD, HELMUT. Die lex Flaminia minus solvendi. Helmut Wild, *Untersuchungen zur Innenpolitik des Gaius Flaminus*. Dissertation, Munich 1994 (Unikopie, Adalbertstr. 18, 80799 Munich) pp. 156-73, 287-92.

In the context of the policy of C. Flaminus the author discusses the *lex Flaminia minus solvendi*. This law concerning coinage is probably dated 219 B.C., when C. Flaminus was censor. It resulted from the introduction of the semilibral standard by

the dictator Q. Fabius and restored the former ratio between silver and bronze. The regulations of the law particularly concerned the denarius. This denarius, existing only as a counting unit and consisting of several silver coins, whose amount of silver scripula formerly corresponded to the worth of 10 libral asses, now was equated with 16 semilibral asses. By this measure the owners of silver and of material assets could reduce their debts by 6/16. The bronze-silver ratio which existed before the introduction of the semilibral standard was hardly changed and consequently prices did not rise. The government profited from its reserves of silver and from the saving of bronze because now it was possible to pay with semilibral instead of libral asses. The effects of the law were quite important for the census; owners of silver or of appropriate assets were able to rise to a higher class. (Author)

516 WINAND, JEAN. Chronique alexandrine (2). Les divinités canopes. *JEListeFPL* 161 (1994) pp. 3-8 illus.

517 WISE, PHILIP and WILFRED SEABY. Recent coin finds from Warwickshire and Worcestershire. *West Midlands Archaeology* 35 (1992) pp. 20-22.

Eight Celtic, three Roman Republican, two Anglo-Saxon (Offa, Cnut) and a Tealby penny of Henry II are recorded. (Author)

518 WOLTERS, R. Money and Coinage in the Reign of Trajan. T. Hackens *et al.*(eds.), *Proceedings of the XIth International Numismatic Congress* vol. 2 (Louvain-la-Neuve 1993) pp. 275-80.

519 YADIN, Y., J.C. GREENFIELD, and A. YARDENI. Babatha's Ketubba. *IEJ* 44 (1994) pp. 75-101.

This marriage contract dating to the early 2nd century A.D. found in the "Cave of the Letters" in Nahal Hever *inter alia* mentions sums of money expressed in coinage current at the time. These denominations and terms are discussed within the scope of a general analysis of the document. (Arnold Spaer)

520 YOROUKOVA, I. Originalité iconographique des monnayages municipaux dans les provinces romaines orientales. T. Hackens *et al.* (eds.), *Proceedings of the XIth International Numismatic Congress* vol. 1 (Louvain-la-Neuve 1993) pp. 343-56.

521 ZABALETA ESTEVEZ, M. Moneda de plata romana de la colección Blanco-Ciceron. *VIII Congreso Nacional de Numismática, Aviles 1992* (Madrid 1994) pp. 581-90.

522 ZAGDOUN, M.A. Chefs-d'œuvre grecs et monnayage romain de la République. T. Hackens *et al.*(eds.), *Proceedings of the XIth International Numismatic Congress* vol. 2 (Louvain-la-Neuve 1993) pp. 163-70.

523 ZWICKER, ULRICH. Metallographic and Analytical Investigation of Silver and Aes-Coinage of the Roman Republic. T. Hackens *et al.*(eds.), *Proceedings of the XIth International Numismatic Congress* vol. 2 (Louvain-la-Neuve 1993) pp. 73-94.

For additional references to Roman numismatics, see the following abstracts:

General, Nos. 8, 20, 34, 37, 38, 44

Technology and Methodology, No. 89

Greek, Nos. 186, 203, 262, 279, 307

Near and Middle East, No. 608

Western and Central Europe, Nos. 971, 1036.

BYZANTINE

524 BENDALL, S. A note on Thessalonican solidi of the fifth centuries. *NCirc* 100 no. 6 (July 1992) p. 186 illus.

525 BENDALL, S. A Nicaean-Latin overstrike. *NCirc* 100 no. 8 (Oct. 1992) p. 264 illus.

526 BENDALL, S. A hoard of 16 nummia coins of Thessalonica. *NCirc* 101 no. 5 (June 1993) p. 152.

527 BENDALL, S. A Neopolitan Solidus of Constans II? *NCirc* 102 no. 6 (July 1994) p. 257 illus.

528 BENDALL, S. A Pattern Solidus of Romanus I. *NCirc* 102 no. 6 (July 1994) p. 263 illus.

529 BENDALL, S. A Thirteenth Century Byzantine Seal Found in England. *NCirc* 102 no. 8 (Oct. 1994) p. 356-57 illus.

530 BIGGS, NORMAN. An Anglo-Saxon imitation of a Byzantine weight? *NCirc* 100 no. 7 (Sept. 1992) p. 227 illus.

531 CALLEGHER, BRUNO. Presenza di "folles anonimi" in Italia settentrionale: un'ipotesi interpretativa. *NumAntClas* 23 (1994) pp. 293-312 illus.

The author reflects on the circulation of Byzantine bronze coinage of the 10th and 11th centuries in the monetary sphere of the Carolingian denarius (northern Italy and central Europe).
(A. Carignani)

532 CASTRIZIO, D. La propaganda dinastica sui nomismata degli imperatori "isaurici." T. Hackens *et al.*(eds.), *Proceedings of the XIth International Numismatic Congress* vol. 3 (Louvain-la-Neuve 1993) pp. 41-44.

533 CUPPO CSAKI, L. The Copper Coinage of Theodahad: A Reappraisal. T. Hackens *et al.*(eds.), *Proceedings of the XIth International Numismatic Congress* vol. 3 (Louvain-la-Neuve 1993) pp. 21-34.

534 FRERE, HUBERT. Un "follis" byzantin trouvé à Villers-le-Temple [Belgium]. *RBN* 140 (1994) p. 105.

535 GOODWIN, A. Miniature punchmarks on the Arab-Byzantine coins of HIMS. *NCirc* 101 no. 4 (May 1993) p. 114 illus.

536 GOODWIN, TONY. Imitative 7th century Byzantine folles with a single figure in military dress. *NCirc* 101 no. 4 (May 1993) pp. 112-13 illus.

537 GOODWIN, TONY. A Hoard of Imitative Byzantine Folles. *NCirc* 102 no. 8 (Oct. 1994) p. 357-59 illus.

538 GRAFF, GUY. Un ensemble de 51 trachea de billon des XII^e-XIII^e siècles. Frappes byzantines officielles et imitations bulgares. *JEListeFPL* 159 (1993) pp. 5-9.

539 GUIDO, FRANCESCO. Un tremisse bizantino da Parte Sole. *Il suburbio delle città in Sardegna: preesistenze e trasformazioni*, Atti del III Convegno di Studio sull-Archeologia tardoromana e altomedioevale in Sardegna (Cuglieri, June 28-29, 1986), Mediterraneo tardoantico e medievale. *Scavi e Ricerche* 7 (Tarentum 1989) pp. 57-58 illus.

The author examines a Byzantine tremissis found in the cemetery area of the Church of St. Stefano at Posada (northeast Sardinia), dating to the period of Leo III (717-741). It is one of the latest examples of Sardinian Byzantine coins.

(A. Carignani)

540 HAHN, WOLFGANG and STEFAN NEBEHAY. Die Entwicklung des Münzwesens im syrischen Raum von frühbyzantinischer Zeit bis zu den Omaiaden. *Syrien von den Aposteln zu den Kalifen = Linzer Archäologische Forschungen* 21 (Mainz, Verlag Philipp von Zabern and Linz, Stadtmuseum Nordico 1993) pp. 196-200 illus. ISBN 3-8053-1609-7.

541 KENT, JOHN. 'Concordia' solidi of Theodosius I: a reappraisal. *NC* 153 (1993) pp. 77-90 illus.

Concordia solidi struck in the dominions of Theodosius I between 379 and 395 are reconsidered in the light of a little-known group in which the reverse legend terminates ...*Augg*. Setting aside a short time-lag before legend corrections were put into effect, it was the practice of the Constantinople mint to record accurately the number of reigning Augusti recognized in the East. Coins with the legend ...*Augggg* fall into two separate periods, 383 and 385-87, distinguishable by the bust of Arcadius, while those with ...*Augg* show that the type was struck at least down to the summer of 392. Aquileia and Milan coins are dated to September-December 388, and those of Thessalonica to 383-97.

(Author)

542 MANCONI, F. Algero. Loc. S. Imbenia. Insediamento di età tardoromana e altomedievale. *Il suburbio delle città in Sardegna: preesistenze e trasformazioni*, Atti del III Convegno di Studio sull'Archeologia tardoromana e altomedioevale in Sardegna (Cuglieri, June 28-29, 1986), *Mediterraneo tardoantico e medievale. Scavi e Ricerche* 7 (Tarentum 1989) pp. 38-41 illus.

The article notes the discovery, in the course of emergency excavations, of 31 bronze coins in a niche in a wall. The coins, including some Byzantine examples, can be ascribed to the fourth century A.D.

(A. Carignani)

543 MANSFIELD, S.J. A Byzantine irregular issue of 'year 20.' *NCirc* 100 no. 3 (April 1992) pp. 81-82 illus.

A group of 7th-century imitative coins is published.

(Edward Besly)

544 MARIN, EMILIO, ed. *Starohrvatski Solin [Old Croatian Solin]*. Split 1992. 300 pp. illus. Partial French and German summaries.

This is a catalogue of a 1992 exhibit of archaeological discoveries with (in Croatian only) a listing of coins found in the vicinity of the site of Byzantine Salona.

These include coins attributed to the Salona mint under Justinian I, Justin II, Tiberius II, and Maurice. (Charles B. Smith, Jr.)

545 MAROVIĆ, IVAN. O pretpostavljenoj kovnici novca u VI. st. u Saloni [On the postulated sixth century coin mint in Salona]. Emilio Marin, ed., *Salona Christiana* (Split 1994) pp. 315-22 illus. German summary.

Issues in three denominations of follis (M), half follis (K), and dekanummis (I) may have been authorized by a local administrator to finance new fortifications for Salona after its reconquest. At least some of the dies were probably manufactured in Salona. (Charles B. Smith, Jr.)

546 MAROVIĆ, IVAN, Reflexions about year of the destruction of Salona. *Vjesnik za arheologiju i historiju dalmatinsku* 77 (1984), *Disputationes Salonitanae II* pp. 293-314 illus.

Based on a hoard of Byzantine coins discovered in 1971, the author places the destruction of Salona after A.D. 630/631, and before 639. The mission of Abbot Martin in 641 to recover the relics of local martyrs and to ransom prisoners, and the subsequent move of remaining relics to Diocletian's Palace (the future Split) may mark the final abandonment of the site. (Charles B. Smith, Jr.)

547 MEVILLE JONES, J.R. Nummi Terunciani. T. Hackens *et al.*(eds.), *Proceedings of the XIth International Numismatic Congress* vol. 3 (Louvain-la-Neuve 1993) pp. 9-14.

548 O'HARA, M.D. The last three 'Byzantine-papal' siliquae from the find of silver of the mint of Rome. *NCirc* 100 no. 4 (May 1992) pp. 111-12 illus.

549 O'HARA, M.D. A New School of Byzantine Forgeries Based on the Newly Discovered 'Byzantine Papal' Series. *NCirc* 102 no. 5 (June 1994) p. 208 illus.

550 PESANT, ROBERTO. Three additional folles presumably of Joscelyn of Edessa. *NCirc* 100 no. 9 (Nov. 1992) pp. 302-303 illus.

551 PESANT, ROBERTO. A rare overstruck follis of Tancred of Antioch. *NCirc* 101 no. 5 (June 1993) p. 151 illus.

552 PESANT, ROBERTO. Further Comments on the Presumed Coinage of Joscelyn of Edessa. *NCirc* 102 no. 8 (Oct. 1994) pp. 355-56 illus.

553 PETRONOTARIOS, PETROS N. Michael I or Michael II of Epeiros. *NomKhron* 13 (1994) pp. 55-64. In Greek, with English translation.

554 RABIN, PAUL. An unrecorded type of a Leo I small bronze from the Heraclea mint. *NCirc* 101 no. 8 (Oct. 1993) p. 286 illus.

555 REICH, R. and E. SHUKRUN. Jerusalem-Mamilla 1991-3. *Hadashot Arch* 101-2 (1994) pp. 80-83. In Hebrew.

Finds in this central Jerusalem site include a solidus of Focas, A.D. 602-10.

(Arnold Spaer)

556 SALAMON, M. Theology and Coinage. The Name of Theoupolis on the Coins of Antioch. T. Hackens *et al.*(eds.), *Proceedings of the XIth International Numismatic Congress* vol. 3 (Louvain-la-Neuve 1993) pp. 15-20.

557 YANNOPOULOS, P. Le changement de l'iconographie monétaire sous le premier règne de Justinien III (685-695). T. Hackens *et al.*(eds.), *Proceedings of the XIth International Numismatic Congress* vol. 3 (Louvain-la-Neuve 1993) pp. 35-40.

For additional references to Byzantine numismatics, see the following abstracts:

General, Nos. 38, 77

Greek, No. 139

Roman, Nos. 333, 482, 494

Western and Central Europe, Nos. 934, 1035.

NEAR AND MIDDLE EAST -- MEDIEVAL AND MODERN

558 ALBUM, STEPHEN. The Coming of Age of Islamic Numismatics. *Yarmouk Numismatic Journal* 7 (1995).

The author discusses developments in the field of Islamic numismatics during the last twenty years.

(Samir Shamma)

559 BARCELO, M. El fulus de Tanja de finals del segle IH/VII D.C. Le pactes més antics I el cas de Mallorca I de Menorca: una revisió. *GacNum* 114 (1994) pp. 5-18.

560 BROOME, M.R. Symbols on the Coins of the Seljuks of Rum. T. Hackens *et al.*(eds.), *Proceedings of the XIth International Numismatic Congress* vol. 3 (Louvain-la-Neuve 1993) pp. 283-86.

561 BROWN, HELEN W. The coins of Muslim Malta. *Melita Historica* 11 no. 1 (1992) pp. 1-18 illus.

From a study of public and private collections in Malta the author records the Muslim coins, chiefly from the period of the Arab occupation. An attempt is made to reconstruct the great hoard of gold dinars found in 1698 (and subsequently lost) from written sources, and two other hoard groups, of small base metal coins, are described. (See also A.T. Luttrell, Mdina hoard, below.) (Author)

562 COWELL, M. Analyses of Some 11th Century Islamic Dirhams. T. Hackens *et al.*(eds.), *Proceedings of the XIth International Numismatic Congress* vol. 3 (Louvain-la-Neuve 1993) pp. 277-82.

563 DU QUESNE BIRD, N. The Avon brass Industry and the Libyan zinc coinage. *NCirc* 100 no. 8 (Oct. 1992) pp. 266-67 illus.

The Ottoman Tripoli zinc coinage of ca. 1821 and a related zinc ingot with Ottoman stamps found in Bath, England, are discussed. (Michael L. Bates)

564 EL-KHOLI, MUHAMMAD. Neue Aspekte zu arabo-byzantinischen Münzen mit Kaiserbild. *Syrien von den Aposteln zu den Kalifen = Linzer Archäologische Forschungen* vol. 21 (Mainz, Verlag Philipp von Zabern, and Linz, Stadtmuseum Nordico 1993) pp. 501-509 illus.

565 FONTENLA BALLESTA, S. Contribución al catálogo de numismática árabe medieval. *VIII Congreso Nacional de Numismática, Aviles 1992* (Madrid 1994) pp. 185-88.

566 HEIDEMANN, STEPHAN. *Das Aleppiner Kalifat (A.D. 1261)*. Leiden, E.J. Brill 1994. 425 pp. illus.

The author discusses the Abbasid Caliph al-Hakim bi-amr Allah who was acknowledged caliph in Aleppo in the year 659 H (1261 A.D.) and acknowledged in Cairo as the second Abbasid (Cairo) Caliph. The coins mentioned are those issued in Aleppo from 655 to 662; in Hamah from 655 to 661; in Harran from 658 to 670, as well as coins in Mosul, Sinjar, Baghdad, etc. (Samir Shamma)

567 JUEL-JENSEN, BENT. An anonymous new Aksumite silver coin from the Christian period. *NCirc* 101 no. 1 (Feb. 1993) pp. 3-4 illus.

568 KENNY, M. An Early Tenth Century Samanid Half Dirham from Millockstown, C. Louth. *NCirc* 102 no. 4 (May 1994) p. 156.

569 KERESTECIOGLU, KENAN. Der Kurusch. Dem Andanken an Cüneyt Ölçer gewidmet. *GN* 28 no. 165 (1993) pp.115-119.

The introduction of the Ottoman kurush 1687 and its further development are surveyed.
(*Peter Ilisch*)

570 LAALLAOUI, M. Aghmat, atelier monétaire idrisside. T. Hackens *et al.*(eds.), *Proceedings of the XIth International Numismatic Congress* vol. 3 (Louvain-la-Neuve 1993) pp. 287-90.

571 LACHMAN, SAMUEL. The numismatics of the Yemen of the 10th/16th century. *NCirc* 100 no. 4 (May 1992) pp. 113-14; no. 5 (June 1992) pp. 147-48; no. 6 (July 1992) p. 185; no. 7 (Sept. 1992) pp. 223-24; no. 8 (Oct. 1992) pp. 264-4; no. 9 (Nov. 1992) pp. 300-302 illus.

The numismatic aspects of the Yemen of the period 875-1005 H/A.D. 1470-1595 are presented. The historical background is outlined and coins of the Zaidi Imams are described in detail.
(*Author*)

572 LACHMAN, SAMUEL. The Ottoman copper coins struck at Mocha. *NCirc* 101 no. 2 (March 1993) p. 44 illus.

573 LACHMAN, SAMUEL. The Supposed Mint of al-Hudayda. *NCirc* 102 no. 2 (March 1994) p. 53 illus.

The possibility of Ottoman coins having been minted at al-Hudayda is discussed.
(*Author*)

574 LEUTHOLD, ENRICO JR. *Dirham dei Califfi Abbasidi e dei dinasti Hamdanidi-Buwayhidi-Samanidi*. Milan, Ullmann 1995. 33 pp. illus.

A group of 706 silver coins, dating from 241-350 AH/A.D. 855-961, is published. About 350 different types of dirhams are included.
(*Author*)

575 LUTTRELL, ANTHONY T. Mdina hoard of Muslim coins: 1698. *Melita Historica* 11 no. 1 (1992) pp. 19-25.

Drawing on the contemporary notarial and cathedral archives, the article describes the finding and subsequent dispersal of a hoard of gold coins (numbering between 2,500 and 5,000 pieces) which came to light during the rebuilding of the cathedral of Mdina, the old capital of Malta. The article ends with a brief history of

some of the Maltese coin collections, in particular their Muslim holdings. (See also Helen Brown, *The Coins of Muslim Malta*, above.) (H.W. Brown)

576 MACKENZIE, KENNETH M. An Ottoman Kurus with an early state control mark from Holland. *NCirc* 100 no. 2 (March 1992) p. 46 illus.

577 MACKENZIE, KENNETH M. An eighteenth century Ottoman tughra on a Byzantine nomisma. *NCirc* 100 no. 6 (July 1992) p. 187 (completion on p. 185) illus.

578 MACKENZIE, KENNETH M. Akches of Bayezid with Aq-Qoyunlu countermarks. *NCirc* 101 no. 8 (Oct. 1993) p. 284 illus.

579 MACKENZIE, KENNETH M., G.R. PUIN, W. SCHUSTER, and H. WILSKI. Countermarks of the Sudan on Ottoman Coins. *NCirc* 102 no. 6 (July 1994) pp. 260-61 illus.

580 MACKENZIE, KENNETH. Sudan: A Countermarked Coin of the Khalifa. *NI* 30/2 (Feb. 1995) pp. 38-39 illus.

A countermark used on a 20-qirsh issue of 1312 AH is discussed and illustrated. (Joseph Uphoff)

581 MESHORER, Y. A Bronze Coin of Baldwin I King of Jerusalem. *INJ* 12 (1992/93 [1994]) pp. 91-93 illus.

A large bronze coin of a hitherto unpublished type is described and attributed to Baldwin I, A.D. 1100-1118, Crusader King of Jerusalem. (Arnold Spaer)

582 METCALF, D.M. A hoard of early Tripolitan Crusader bezants. *NC* 154 (1994) pp. 214-17 illus.

A parcel of 16 Crusader bezants examined in trade includes ten of the same basic type (Balog and Yvon 2). The other six include a specimen of BY 3, but are not necessarily associated. The new hoard is the earliest hoard of Crusader gold bezants on record, and the designs, weights and finenesses of the coins are discussed.

(E. Besly)

583 METCALF, D.M. A New Catalogue of Crusader Coins: Problems and Strategies. T. Hackens *et al.* (eds.), *Proceedings of the XIth International Numismatic Congress* vol. 3 (Louvain-la-Neuve 1993) pp. 141-50.

584 METCALF, D.M. and L. HOLLAND. Crusader Coins from Caesarea Maritima (Part I). *INJ* 12 (1992/93 [1994]) pp. 94-103 illus.

This is a catalogue of 185 coins, 107 cut gold fragments and 21 lead tokens found in Caesarea, to be added to those published by D.M. Metcalf in NC 147 (1987) pp. 95-105. (Arnold Spaer)

585 MILES, GEORGE. Biography of Stanley Lane-Poole. *Yarmouk Numismatic Journal* 7 (1995).

586 MOOREHEAD, T.S.N. Palestinian Mandate Hoard. *NCirc* 102 no. 1 (Feb. 1994) p. 3.

587 MUNRO-HAY, S.C. Coins of ancient South Arabia. *NC* 154 (1994) pp. 191-203 illus.

A collection of 317 South Arabian coins is published, together with a chart of South Arabian coin types in suggested chronological sequence. (E. Besly)

588 NICOLAE, E. Imitations et contrefaçons des aspres ottomans en Roumanie (fin du XV^e - début du XVI^e siècle). T. Hackens *et al.*(eds.), *Proceedings of the XIth International Numismatic Congress* vol. 3 (Louvain-la-Neuve 1993) pp. 305-307.

589 OBERLÄNDER-TÂRNOVEANU, E. Un atelier monétaire inconnu de la Horde d'Or sur le Danube, Saqcy-Isaccea (XIII^e-XIV^e siècles). T. Hackens *et al.*(eds.), *Proceedings of the XIth International Numismatic Congress* vol. 3 (Louvain-la-Neuve 1993) pp. 291-304.

590 PASCUAL GINER, M. DEL MAR. Moneda califal en la col. de Departamento de Prehistoria y Arqueología de la Universidad de Valencia. *IX Congreso Nacional de Numismática, Elx 1994* (Elx 1994) pp. 303-14.

591 PELLICER I BRU, J. El cambio metálico plata:cobre en Al-Andalus (siglos II-IX), 1 dirham Tabli=60 fulus. *GacNum* 114 (1994) pp. 19-36.

592 PESANT, ROBERTO. St. George and the dragon on the coinage of Roger of Antioch. *NCirc* 100 no. 3 (April 1992) p. 79 illus.

593 PESANT, ROBERTO. Crusader's Seal. *NCirc* 102 no. 2 (March 1994) p. 55 illus.

594 PESANT, ROBERTO. A Brief Review of the coinage of Tancred of Antioch. *NCirc* 102 no. 2 (March 1994) pp. 56-57 illus.

595 PHILLIPS, MARCUS. A Thirteenth-Century Hoard from Syria. *NC* 154 (1994) pp. 287-90.

596 PORTER, VENETIA. A Recent Acquisition of Coins of the Tahirid Sultans of the Yemen. *Yarmouk Numismatic Journal* 7 (1995).

This is a description of 20 silver coins of the Tahirids of al Yemen from 923/1517 to 945/1538. (Samir Shamma)

597 RISPLING, GERT. Ungarische Beiträge zur islamischen Numismatik. *HBN* 36/38 (1982/84 [1993]) pp. 119-34.

598 SALIH, SARI. The Standard of Fineness of Some Umayyad Dinars. T. Hackens *et al.*(eds.), *Proceedings of the XIth International Numismatic Congress* vol. 3 (Louvain-la-Neuve 1993) pp. 273-76.

599 SEARS, STUART D. A late Umayyad hoard from Nippur. *NC* 154 (1994) pp. 133-46 illus.

Consisting of 97 coins, this hoard is one of several known hoards buried during or immediately after the Abbasid revolution. The hoard, however, is the first known from Iraq and, consequently, better documents the peculiarities of monetary circulation in the East. The hoard bears some Sasanian and Muslim Sasanian-style drahms but mostly reformed dirhams. The hoard is compared with three other hoards of this period as well as a later hoard of Nippur. (Author)

600 SEARS, STUART D. The Sasanian Style Coins of "Muhammad" and some Related Coins. *Yarmouk Numismatic Journal* 7 (1995).

601 SEHAM, EL M. Rare Fatemid Coins in the Collection of the Museum of Islamic Art (Cairo). T. Hackens *et al.*(eds.), *Proceedings of the XIth International Numismatic Congress* vol. 3 (Louvain-la-Neuve 1993) pp. 269-72.

602 SHAMMA, SAMIR. *The Time of al Ma'mun in the Light of Numismatic Evidence*. Irbid, Jordan, Yarmouk University 1995. 918 pp. illus. In Arabic.

The author describes 95 coins and two hitherto unmentioned emirates, one in Sana'a by Ibrahim b. Rasul Allah. The other is by Sowada al Jahafi in Armenia, with coins by each. (Author)

603 SUCHY, VLADIMIR. 'Adan as the mint-place during an Ottoman period. *NCirc* 100 no. 5 (June 1992) pp. 148-49 illus.

604 SUCHY, VLADIMIR. An unknown dirham of Sultan Süleyman I from Yemen. *NCirc* 100 no. 6 (July 1992) p. 184 illus.

605 *Sylloge Nummorum Arabicorum, Tübingen. Palästina IVa Bilad aš-Šam I.* Lutz Ilisch, ed. Tübingen, Ernst Wasmuth Verlag 1993. 51 pp. illus. ISBN 3-8030-1100-0.

Using the form of the SNG, this initiates the publication of the Tübingen University collection of Islamic coins (which includes the Steven Album collection) by presenting the coins from Palestine and nearby districts. The coins are grouped by mints running through all periods and dynasties. (Peter Ilisch)

606 TARAWNA, KHALAF and N.A.R. DAFTAR. *Al Maskukat wa Qiraet al Tarikh [Numismatics and Reading History]*. Irbid, Jordan 1994. 132 pp.

This work discusses mercantile exchange, world and Arabic numismatics, cleaning coins, dies, etc. (Samir Shamma)

607 WASSERSTEIN, D.J. Some Newly-Acquired Islamic Coins from Al-Andalus and North Africa in the Israel Museum, Jerusalem: The Navon Gift. *INJ* 12 (1992/93 [1994]) pp. 87-90 illus.

Description of four coins of al-Andalus, two Almoravid issues, and two Islamic coins struck in North Africa. (Arnold Spaer)

608 WILSKI, H. A rare countermark of Bitlis. *NCirc* 101 no. 10 (Dec. 1993) p. 355 illus.

For additional references to the numismatics of the Near and Middle East, see the following abstracts:

Greek, Nos. 119, 174, 175, 196, 197, 213, 214, 230, 231, 279

Byzantine, Nos. 535, 540

India and South Asia, No. 699.

INDIA AND SOUTH ASIA

609 ABELS, B.U. A New Coin Hoard of the Satavahana Dynasty from Akaram. *NumDigest* 15 (1991) pp. 41-50 illus.

A hoard of more than 180 coins of the Elephant/Ujjain symbol type of the Satavahana rulers was found in an earthen vessel at Akaram in dist. Nalgonda (Andhra Pradesh) in 1969. Nine coins from this hoard, on which legends became legible after restoration, are published. (Amiteshwar Jha)

610 AGRAWAL, ASHVINI. King and Queen Coin-Type of Skandagupta. *Numismatic Studies* 3 (1993) pp. 57-63 illus.

Different views along with the arguments put forward by the earlier scholars regarding the identification of the female figure on the 'King and Queen' type gold coins of Skandagupta are examined in detail. The author concludes that the identification of the figure as Lakshmi or the king's mother cannot be accepted and that the figure is that of Skandagupta's queen. (Amiteshwar Jha)

611 AGRAWAL, BHANU and RAI SUBAS. *Indian Punch-Marked Coins*. Delhi, Kanishka Publishers 1994. 161 pp. illus.

612 AGRAWAL, GOVIND. A Unique Seal from Vidisa. *ICSN* 18 (Jan. 1993).

The author publishes a seal from Vidisa which is made of two parts joined together. The head of the seal is of copper and has on its face two taurines. The handle is made of iron and is inserted from the opposite side of the head which is kept open. (Amiteshwar Jha)

613 AGRAWAL, GOVIND. A Signet Ring of Bahasatimita. *ICSN* 21 (July 1993).

A circular gold seal from Vidisa, bearing the Brahmi legend *Bahasatiya/mita* in two lines and a swastika above and a triangle-headed standard, is published. (Amiteshwar Jha)

614 AHMAD, NISAR and MANMOHAN KUMAR. The Reminted Type IV Coins of Yaudheyas. *Numismatic Studies* 3 (1993) pp. 49-54 illus.

The copper coins of the Yaudheyas of the *Yaudheyaganasya jaya* legend type consist of some specimens which were reminted on the earlier types by overstriking and restriking. Coins of Allan's class 6 var. a, having no additional legend, are said

to have been reissued on certain coins of Huvishka and Vasudeva of the Kushana dynasty while those of var. b and c, having the additional words *dvi* and *tri*, were reminted on some Puri-Kushana coins. The weights of these coins are taken as evidence that these classes of coins were minted in distinct time spans. The words *dvi* and *tri* meaning *dvitiya* and *tritiya* respectively are said to represent the second and third consecutive republics.
(Amiteshwar Jha)

615 BALSEKAR, DILIP P. Two Rare Moghul Coins. *NumDigest* 16 (1992) pp. 227-29 illus.

Two previously unpublished silver rupees, one of Jahandar Shah from the Kashmir mint and the other of Ahmad Shah of the Dilshadabad mint, are published.
(Amiteshwar Jha)

616 BANERJI, ARUNDHATI. *Images, Attributes and Motifs. Studies in Early Indian Art and Numismatics*. 2 vols. New Delhi, Sundeep Prakashan 1993. 227 pp. + 46 pp. illus.

617 BECKER, B. Sironj: A New Moghul Mint of Shah Jahan. *ICSN* 21 (July 1993).

A silver coin of Shah Jahan dated AH 1065/R.Y. 31 from the Sironj mint, a well-known mint since the time of Farrukhsiyar, is published.
(Amiteshwar Jha)

618 BHANDARE, S.U. The Half Hon of Shivaji: A Mistaken Identity. *ICSN* 15 (July 1992).

A gold coin published by S.G. Dhopate (*NumDigest* 14 [1990] pp. 55-57) as a half-hon of Shivaji, issued before his coronation, is suggested to be a freak coin of Vijayanagar. The coin is said to bear the retrograde impression of the legend of Vijayanagar king Achyutadevaraya and is suggested to be a trial strike of a wrongly engraved reverse die.
(Amiteshwar Jha)

619 BHANDARE, S.U. Maratha Coins of Gwalior. *ICSN* 20 (May 1993).

Gwalior was under the control of Vitthal Shivadeo Vinchurkar, who had received it as jagir from the Peshwa, from 1755 to 1762. Hence the coins issued from Gwalior mint between 1756 and 1762 should be considered as issues of the Vinchurkars or of the Marathas, in whose service the Vinchurkars were, and not as Mughal or Sindhia issues.
(Amiteshwar Jha)

620 BHARGAVA, R.R. Coins of Datta and Satavahana Rulers from Tripuri. *NumDigest* 16 (1992) pp. 29-46 illus.

Lead coins obtained from the ancient site of Tripuri, near Jabalpur in Madhya Pradesh, that give the name of some Datta rulers like Bhavadatta and Ajadatta, are

published. Some Satavahana lead coins from the same site which bear a typological similarity with the Datta coins and which give the name of Satavahana rulers like Siri Satakarni and Siri Sata are also published. The Datta coins are believed to have preceded the Satavahana occupation of the site. (Amiteshwar Jha)

621 BHARGAVA, R.R. Coins of Some Gond Rulers. *NumDigest* 15 (1991) pp. 119-21 illus.

Some copper coins of the Gond rulers Sangram Shah, Jataba II alias Kesri Singh, and Madan Shah from the Deogarh mint are published. (Amiteshwar Jha)

622 BHARGAVE, P.G. A Rare Silver Coin of Satyadaman. *NumDigest* 15 (1991) pp. 62-64 illus.

A rare coin of Satyadaman, the Western Ksatrapa ruler, with the date 12(x) or 120 is published. (Amiteshwar Jha)

623 BHARGAVE, P.G. A Medieval Die. *NumDigest* 16 (1992) pp. 232-33 illus.

The author publishes a reverse die for the Mughal coins of Surat mint. On the basis of the regnal year 27, the die is suggested to be either Aurangzeb or Mohammad Shah. (Amiteshwar Jha)

624 BHATT, R.D. The Earliest Indigenous Gold Coins of India. *Numismatic Studies* 3 (1993) pp. 18-22 illus.

Three die-struck gold coins from Ujjain are published. These are of (1) six-armed symbol/blank; (2) forepart of an animal and sun/not clear; (3) two crude human figures(?)/swastika type. These are believed to be of the pre-Gupta period. (Amiteshwar Jha)

625 BOEGHEIM, L.M.J. Indische gulden en rijksdaalder. Er is tenslotte niets van gekomen. *Beeldenaar* 16 (1992) pp. 202-207.

In 1927-28 there were discussions on and drawings for the possible introduction of large silver coins for the Dutch East Indies, which ultimately came to nothing. (Arent Pol)

626 BURNS, CRAIG ALDEN. Coins of the Kushana Civil War Era. *NumDigest* 15 (1991) pp. 65-82 illus.

Some new Kushana gold coins that, according to the author, provide missing links in the reconstruction of the history of the Kushana civil war era (the period starting with the reign of Vasudeva I and Kanishka II) are published. The author studies the dies and devices and tries to identify the relationship between the different coins of the period. (Amiteshwar Jha)

627 BURNS, CRAIG ALDEN. Is This a Kushana Coin? *Numismatic Studies* 3 (1993) pp. 115-23 illus.

A Kushana copper coin bearing the device of elephant-rider to left and the name of Huvishka on the obverse and Siva-Nandi on the reverse is published. The author suggests that the designs for this coin were copied from the coins of Wima Kadphises. It is also suggested that the coin like some others may have been produced at a local village mint and perhaps unofficially in the time of Huvishka. (Amiteshwar Jha)

628 CHATTERJEE, BHASKAR. Role of Money in Rural Economy. *Numismatic Studies* 3 (1991) pp. 85-88.

Some literary references are cited to show that since early times money played an important role in the rural economy. (Amiteshwar Jha)

629 CHUMBLE, P.D. Some Satavahana Coins Depicting Gajalakshmi. *ICSN* 21 (July 1993).

Three Satavahana potin coins depicting Gaja-Lakshmi or Abhisheha-Lakshmi on the obverse are published. (Amiteshwar Jha)

630 CHUMBLE, P.D. Rare Satavahana Coins. *NumDigest* 15 (1991) pp. 41-50 illus.

The author publishes a new type of copper/potin coin of Kochhiputra Satakarni, two bronze coins of Kosikiputra Satakarni, a potin coin of Siva Siri Pulumavi and two lead coins of Mahakhatapa Vasithiputra. (Amiteshwar Jha)

631 DAUWE, R. De bergeten nagas van Narwar. *JEListeFPL* 152 (1993) pp. 3-5 and 154 (1993) pp. 3-5 illus.

632 DHOPATE, S.G. Rajaram—Commemorative Coins of Shahu. *NumDigest* 15 (1991) pp. 115-18 illus.

A copper coin said to have the names of Shahu and Rajaram is published. It is suggested to be an issue of Shahu in commemoration of Rajaram. (Amiteshwar Jha)

633 DHOPATE, S.G. More on Inscribed Vishnukundin Coins. *NumDigest* 16 (1992) pp. 112-15 illus.

A bronze coin with the legend *Sri Rana Vigra(ma)*, suggested to stand for Sri Rana Vikrama, is published and tentatively attributed to the Vishnukundin ruler Madhavavarman. (Amiteshwar Jha)

634 DRUART, JACQUES. Les apprentis sorciers de la numismatique ou les effets pervers des symboles (4). *Vie num* 43 no. 8 (1993) pp. 266-71.

The author presents general comments on the representation of the Buddha on Indian coins. *(Johan van Heesch)*

635 GABRISCH, KARL and AMOGH R. SHAKYA. Numismatic Glimpses from Tibetan Border Lands. *NI* 30 no. 5 (May 1995) pp. 105-11.

The currency and a brief history of the South Gansu region of Tibet are discussed. *(Joseph Uphoff)*

636 GODBOLE, S.D. Some New Varieties of Andhra Coins. *NCirc* 100 no. 5 (June 1992) p. 150 illus.

637 GOKHALE, SHOBHANA. A Unique Coin of Isamahisa. *NumDigest* 15 (1991) pp. 31-40 illus.

The author publishes a lead coin from Junnar, district Poona, of the lion/tree-in-railing type, having some minor ancillary symbols also and bearing the Brahmi legend *Vasithiputasa Isamahi(sa)* on the obverse and *Mahakhatapa* on the reverse. The author also describes some copper coins of King Satavahana and Satakarni and a lead coin of Mahakhatapa Nahapana, all of which are from Junnar and have the same obverse as on the above coin, and speculates about the identify of Vasithiputra Isamahisa. *(Amiteshwar Jha)*

638 GOYAL, S.R. *Indigenous Coins of Early India*. Jodhpur, Kusumanjali Prakashan 1994. 240 pp. illus.

639 GUPTA, CHANDRA SHEKHAR. A Terracotta Sealing from Paithan and Its Significance. *NumDigest* 15 (1991) pp. 138-43 illus.

The descriptions of a clay object from Paithan published elsewhere as a seal are corrected. The object is said to be a seal having the motif of a cock facing a flagstaff with the representation of a spear head, an insignia of Skanda, and Brahmi legend *Khadasamasa*. On the basis of this and some other seals from neighboring regions, it is suggested that the cult of Skanda worship was quite popular in the Deccan in the Satavahana period. *(Amiteshwar Jha)*

640 GUPTA, CHANDRA SHEKHAR. A Padma-Tanka Hoard from Sondhra-M.P. *ICSN* 13 (March 1992).

A hoard of 31 gold coins, recovered from the embankment of a tank at the village Sondhra in Raipu district of Madhya Pradesh, was acquired under the Indian Treasure Trove Act by the Government of Madhya Pradesh. On the basis of the illustrations of these coins published in a local newspaper, the author identifies them to be Padmatankas of the Yadava king Singhana. *(Amiteshwar Jha)*

641 GUPTA, CHANDRA SHEKHAR. Repousse Technique of Minting Coins. *Numismatic Studies* 3 (1993) pp. 69-84 illus.

The author is of the view that the repousse coins of India were produced by a single die with devices carved in intaglio in reverse order. A list of coins produced by the repousse technique is appended. (Amiteshwar Jha)

642 GUPTA, L.C. Interesting Bust Type Silver Coins from Muzaffarpur. *NumDigest* 16 (1992) pp. 80-94 illus.

The author publishes 108 small silver coins which he had obtained from Muzaffarpur (Bihar). The obverse of these coins shows a bust, right; the reverse bears a motif consisting of three dots, which is identified as the representation of Garuda derived from the Gupta silver coins. The reverse legend is read as *Gapata* and the coins are ascribed to the post-Gupta period. (Amiteshwar Jha)

643 GUPTA, M.K. Three Fractional Coins of Akbar. *NumDigest* 15 (1991) pp. 108-14 illus.

The author publishes three fractional coins of Akbar which include a 1/2 rupee from Dewal mint; a small coin weighing 0.9 gm. from Burhanpur mint which may be a 1/12 rupee, although no such denomination is mentioned in Mughal records; and a 1/2 rupee with the word ...*Bangalah*... on it. (Amiteshwar Jha)

644 GUPTA, M.K. An Unknown Coin of Jahangir? *ICSN* 20 (May 1993).

A rectangular silver coin bearing the regnal year 17 from Burhanpur mint, the obverse of which resembles the coins of Akbar, is published. The author attributes the coin to Jahangir. (Amiteshwar Jha)

645 GUPTA, PARMESHWARI LAL. Barwani Hoard of Silver Punch-Marked Coins. *NumDigest* 16 (1992) pp. 6-23 illus.

The author classifies a hoard of 3,420 five-symbol silver punch-marked coins discovered in 1943 or slightly earlier in Pati in the erstwhile princely state of Barwani, now part of the Nimar district in Madhya Pradesh. The hoard is currently located in the National Museum, New Delhi.

(Amiteshwar Jha)

646 GUPTA, PARMESHWARI LAL. Chandragupta III and His Coins. *NumDigest* 16 (1992) pp. 66-79.

The author identifies some archer type Gupta gold coins as issues of Chandragupta III. They are heavier than the coins of Chandragupta II and bear, on the obverse, the legend *Chandra* and a symbol between the Garuda and king's head and, on the reverse, the legend *Sri Vikrama*. He denies the attribution made by some writers of some coins to Chandragupta IV. (Amiteshwar Jha)

647 GUPTA, PARMESHWARI LAL. Coins of Erakina and Suktimati. *ICSN* 18 (Jan. 1993).

The two forms of the name Erakanya or Erikinya and Erakachchha or Erakachcha seen on the coins do not indicate the same place., i.e. Eran. While Erikinya or Erikanya was the same as Eran, Erakachchha or Erakachha should be identified with Eracha or Erachha, situated in the Jhansi district of Uttar Pradesh. Suktimati, mentioned as the capital of Chedi janapada, is said to have been situated near the city of Banda in Uttar Pradesh. (Amiteshwar Jha)

648 GUPTA, PARMESHWARI LAL and SAROJINI KULASHRESHTHA. *Kusana Coins and History*. New Delhi, D.K. Printworld (P) Ltd. 1994. 209 pp. illus.

The book consists of twelve papers published earlier by the authors in different places. (Amiteshwar Jha)

649 HANDA, DEVENDRA. A New Vemaki Silver Coin of King Bhavadharman. *NCirc* 100 no. 6 (July 1992) pp. 192-93 illus.

650 HANDA, DEVENDRA. A unique gold coin of King Suravarmmana I of Kashmir. *NCirc* 101 no. 5 (June 1993) p. 154 illus.

651 HANDA, DEVENDRA. New Vemaki Silver Coins. *NCirc* 101 no. 6 (July 1993) p. 187 illus.

652 HANDA, DEVENDRA. A Unique Yaudheya Copper Coin. *NCirc* 101 no. 6 (July 1993) pp. 193-94 illus.

653 HANDA, DEVENDRA. Sikh Coin with an Enigmatic Legend. *NCirc* 101 no. 8 (Oct. 1993) p. 284 illus.

654 HANDA, DEVENDRA. A Rare Vemaka Silver Coin: Rudravarman. *ICSN* 15 (July 1992).

The author publishes a rare Vemaki silver coin of Rudravarman Vijayaka from the collection of Jan Lingen of the Netherlands. (Amiteshwar Jha)

655 HANDA, DEVENDRA. A Note on the Kuninda Coins from Sumari and Some Other Sites. *NumDigest* 15 (1991) pp. 18-22.

The author disputes the view that the Kuninda coins of Amoghabhuti, from Garhwal and many sites of the plains, belonged to the coarse fabric. (Amiteshwar Jha)

- 656** HANDA, DEVENDRA. Bhavavarman: A New Vemaki King. *ICSN* 17 (Nov. 1992).

A Vemaki silver coin of Bhavavarman Vijayaka, a hitherto unknown ruler, is published. (Amiteshwar Jha)

- 657** HANDA, DEVENDRA. A Unique Terracotta Proof-Coin from Sanghol. *ICSN* 19 (March 1993).

A small terracotta piece, recovered as a surface find from Sanghol, bears the devices of a copper coin of Wima Kadphises. The author suggests that the terracotta piece was struck to test the dies. (Amiteshwar Jha)

- 658** HANDA, DEVENDRA. A Square Ujjayini Copper Coin. *ICSN* 20 (May 1993).

- 659** HANDA, DEVENDRA. Coins of the So-Called Audumbara King Mahadeva. *Numismatic Studies* 3 (1993) pp. 23-30 illus.

After considering the legend on the square copper coins of the Audumbaras, the author concludes that *Mahadevasa* is used on these coins as a title and that there did not exist any Audumbara king by the name of Mahadeva. The author accepts the view that the circular silver pieces bearing the name Mahadeva are Vemaki issues.

(Amiteshwar Jha)

- 660** HANDA, DEVENDRA. The Attribution of Brahmanyadeva Type Coins. T. Hackens *et al.* (eds.), *Proceedings of the XIth International Numismatic Congress* vol. 3 (Louvain-la-Neuve 1993) pp. 227-32.

- 661** JAIN, PRAVIN KUMAR. Dalpatinagar, the Mint for Datia. *ICSN* 16 (Sept. 1992).

The mint name Dalipnagar, on the coins of Datia State, should be read as Dalpatinagar. (Amiteshwar Jha)

- 662** JENSEN, UNO BARNER. Klippinge fra Trankebar [Klippings from Tranquebar]. *NNUM* 2 (1994) pp. 18-21 illus. In Danish.

The author surveys the minting of the denomination 4 kas at the Danish colony in Tranquebar. (Ulla Westermarck)

- 663** JHA, AMALKUMAR and M. VERRENDER. Velpuru Inscription and Maha Sada. *NumDigest* 15 (1991) pp. 23-30 illus.

The authors read Maha Sada rather than the earlier reading of Mana Sada in the Velpuru inscription and identify him with the Maha Sada known from coins from

Vaddamanu. On the grounds of stratigraphical evidence and other historical facts, Maha Sada is assigned a date ca. A.D. 100. (Amiteshwar Jha)

664 JHA, AMITESHVAR. Silver Coins of Jayadaman. *NumDigest* 15 (1991) pp. 57-61 illus.

The author publishes for the first time silver coins of Jayadaman, the son of Chastana. The coins have legends in both Brahmi and Kharoshthi on the reverse and are similar to a type issued by Chastana. (Author)

665 JHA, AMITESHVAR and DILIP RAJGOR. *Studies in the Coinage of the Western Ksatrapas*. Anjaneri, Indian Institute of Research in Numismatic Studies 1994. 274 pp. illus.

666 KALPANDE, V.M. Unpublished Rupees of the Bhonsla Rajas of Nagpur. *ICSN* 19 (Mar 1993).

Some new silver coins of Raghuji I and Janoji Bhonsla, the Bhonsla rajas of Nagpur, are published. (Amiteshwar Jha)

667 KALPANDE, V.M. A Fanam of Hosur Mint. *ICSN* 16 (Sep. 1992).

The author publishes a small gold fanam in the name of Shah Alam from Hosur. (Amiteshwar Jha)

668 KOTHALKAR, M.J. Mana Hoard of Punch-Marked Coins. *NumDigest* 16 (1992) pp. 24-28 illus.

The author publishes a hoard of silver-coated copper punch-marked coins that was found in the riverbed at Mana in the Akola district of Maharashtra. All the coins in the hoard except one had the same five symbols on the obverse and uniform symbols on the reverse. The author believes these coins were the issues of a local authority. (Amiteshwar Jha)

669 KOTHARI, NARENDRA. An Unpublished Silver Punch-Marked Coin Type. *NumDigest* 16 (1992) pp. 1-5 illus.

The author publishes twelve silver punch-marked coins with a thin flan, bearing four symbols on the obverse. In his editorial note, P.L. Gupta believes them to be of Chedi Janapada. (Amiteshwar Jha)

670 KOTHARI, NARENDRA. New Kausambi Coins. *NumDigest* 15 (1991) pp. 10-17 illus.

The author publishes (a) four cast copper coins on which the legend *Kosambiya* can be clearly read, settling the controversy over the reading of the legend on such

coins; (b) a new type, Bull to left/Lakshmi seated on lotus (not very clear), of a copper cast coin having the legend *Kosabi...* on the obverse; (c) four copper coins of Agnimitra of Kausambi in two denominations; and (d) a copper token bearing the legend *Mulasa*.
(Amiteshwar Jha)

671 KULKARNI, PRASHANT P. Suktimati: A City-State of Madhya Pradesh. *ICSN* 13 (March 1992).

The author publishes a rectangular cast copper coin from Vidisha bearing the legend *Sugimati* and suggests that it is an issue of the city of Suktimati, which is mentioned in the *Mahabharata* as the capital of Chedi.
(Amiteshwar Jha)

672 KULKARNI, PRASHANT P. Trial Strikes of the Zodiacal Coins. *ICSN* 18 (Jan. 1993).

The author publishes three silver trial strikes of the Zodiacal coins of Jahangir. He suggests that the testing of dies on silver blanks was observed every month or possibly upon the manufacture of every fresh pair of dies.
(Amiteshwar Jha)

673 KULKARNI, PRASHANT P. and PUKHRAJ J. SURANA. Muslim Coinage of Goa. *Numismatic Studies* 3 (1993) pp. 89-93 illus.

Some small coins from Goa having dates in the Hijri era on one side and a representation of a ship on the other are published. Based on the dates, the coins are attributed to Bahamani and Adil Shahi rulers under whom Goa passed before it was ultimately taken over by the Portuguese.
(Amiteshwar Jha)

674 KULKARNI, PRASHANT P. Mughal Mint Towns and Mughal Territories. T. Hackens *et al.* (eds.), *Proceedings of the XIth International Numismatic Congress* vol. 3 (Louvain-la-Neuve 1993) pp. 259-62.

675 MANGALAM, S.J. Coins from Elephanta: Coins of the Konkan Mauryas? *NumDigest* 15 (1991) pp. 86-94 illus.

The author divides the lead coins picked up from the Mora Bunder area of Elephanta into seven varieties, all of which bear a representation of a ship on the obverse. The coins are attributed to the Konkan Mauryas. This attribution is disputed by P.L. Gupta who, in his editorial note, suggests that these coins might be a type, hitherto unknown, issued by the Portuguese.
(Amiteshwar Jha)

676 MANGALAM, S.J. Punch-Marked Coins of Asmaka Janapada. *ICSN* 17 (Nov. 1992).

Eleven four-symbolled silver punch-marked coins, recovered from the river beds of the Godavari and its tributaries Nanded and Parbhani districts of Maharashtra, are published and ascribed to Asmaka Janapada.
(Amiteshwar Jha)

677 MANGALAM, S.J. Vishnukundi-Type Coins from Maharashtra. T. Hackens *et al.* (eds.), *Proceedings of the XIth International Numismatic Congress* vol. 3 (Louvain-la-Neuve 1993) pp. 243-48.

678 MORE, SANJAY and VIJAY HIRAN. Unpublished Satavahana Coins. *NumDigest* 16 (1992) pp. 47-51 illus.

Three Satavahana potin coins from Hunnar, Poona district (Maharashtra), are published. Two of these have the abhisheka-Lakshmi motif on the obverse and Ujjain symbol within a rectangle on the reverse; the third coin has the same type of reverse but has on the obverse srivatsa and three-arched hill symbols. The legend on one coin is clear and is read as *Satakanisa*; on the other two it is truncated and blurred and the reading is conjectural.
(Amiteshwar Jha)

679 MUKHERJEE, B.N. A Coin of Balamriganka. *Numismatic Studies* 3 (1993) pp. 65-68 illus.

A gold coin, found in the Mainamati area of Bangladesh, bears a male figure (king) in a *dvibhanga* posture and the legend *Sri Jaya jarujaya Bala mriganka* on the obverse, and a female (goddess) sitting on a lotus with the letter *sri* on the reverse. The term Balamriganka is comparable to the titles Vangalamriganka and Abhinavamriganka assumed, respectively, by Anandadeva and his son Bhavadeva, who ruled in Samatata and Vanga in the 7th-8th centuries, and the author speculates that this could have been an epithet used by Viradeva, the father of Anandadeva.

(Amiteshwar Jha)

680 MUKHERJEE, B.N. The Satamana. *NumDigest* 15 (1991) pp. 95-100.

The Satamana weight standard of 100 rattis was well known in ancient India, and several series of coins appear to have been struck on this standard. In medieval and modern times this standard also appears to have been followed, e.g. Sultan Mahmud's gold issues of 180 grains, gold and silver tankas of the Sultanate Kingdoms, Sher Shah's silver rupees, Mughal gold and silver coins issued by the East India Company after the Act of 1835, and the pure nickel rupees of 180 grains and its denominations minted by the Republic of India from 1950 to 1956.

(Amiteshwar Jha)

681 MUKHERJEE, B.N. *Coins and Currency of Post-Gupta Bengal (c. AD 550-700)*. New Delhi, Munshiram Manoharlal Publishers 1993. 73 pp. illus.

682 MUKHERJEE, B.N. An Interesting Sealing from Malhar. *NumDigest* 16 (1992) pp. 128-31 illus.

A terracotta sealing from Malhar in the Bilaspur district of Madhya Pradesh bears a legend in the mixed script which the author calls Kharoshti-Brahmi.

(Amiteshwar Jha)

683 NAIM, SAJID and DILIP BALSEKAR. Unknown Silver Tankah of Balban. *NumDigest* 15 (1991) pp. 101-103 illus.

684 NAIM, SAJID and DILIP BALSEKAR. A Coin of Samthar State. *NumDigest* 15 (1991) pp. 124-26 illus.

A silver coin from the Samthar mint issued in the name of Shah Alam II in the year (V.S.) 1871 may be an issue of Ranjit Singh, the ruler of Samthar state.

(Amiteshwar Jha)

685 NAIM, SAJID and DILIP BALSEKAR. Niphad Hoard of Mughal Silver Coins. *NumDigest* 16 (1992) pp. 146-226 illus.

The authors present their study of a hoard of 471 Mughal silver coins found at the village Karanji Khurd in the Hiphad taluka of Nasik district in 1989. The earliest and latest coins in the hoard were those of Shah Jahan I and Ahmad Shah respectively; the largest number of coins were those of Mohammad Shah. A complete catalogue of the hoard is given with tables of the mints, mint-marks, etc.

(Amiteshwar Jha)

686 NARASIMHAMURTHY, A.V. Varieties of Gadyanas in South India. *NumDigest* 16 (1992) pp. 116-27.

The coin term, gadyana, found in the South Indian inscriptions, is most often prefixed with other words. The author distinguishes different groups of gadyanas on the basis of size and shape, symbols and emblems, dynasty, king, titles, mints, tax and trade, denominations, commemorations, etc., connoted by the prefixing words.

(Amiteshwar Jha)

687 PATIL, SAMUDRAGUPTA. Punch-Marked Coins of Asmaka Janapada. *NumDigest* 15 (1991) pp. 5-9 illus.

The author publishes 12 four-symboled punch-marked coins which formed part of a hoard. The hoard weighed more than a kilogram and was found near Nanded in Maharashtra. The coins are ascribed to Asmaka Janapada.

(Amiteshwar Jha)

688 PETHE, SUBODH S. Fanams of the Keladi Nayakas of Ikkeri. *ICSN* 19 (March 1993).

The author publishes gold fanams of the Keladi Nayakas of Ikkeri which were modeled on the Vijayanagar gold coins.

(Amiteshwar Jha)

689 RAJJASBIR, S. Panjabi and Braj Bhasha Literature of Panjab and the Coins under Ranjit Singh. T. Hackens *et al.* (eds.), *Proceedings of the XIth International Numismatic Congress* vol. 3 (Louvain-la-Neuve 1993) pp. 263-65.

690 RAJGOR, DILIP and LAD RAVINDRA. A Treasure from Elephanta. *ICSN* 15 (July 1992).

The authors describe coins collected from the Morabandar village of Elephanta Island. These include silver coins of the Western Kshatrapa ruler Rudrasimha III, the Gupta ruler Kumaragupta I, and the Kalachuri ruler Krishnaraja; lead coins of Kumargupta; and copper and lead coins of Krishnaraja with legends. In addition, new types of lead coins (lion/hill and date, lotus/hill and date, and wheel/hill and date) are published; on the basis of the dates these coins are ascribed to the Kalachuri ruler.

(Amiteshwar Jha)

691 RAJGOR, DILIP. A Hoard of Late Kushan Coppers from Bhuj (India). T. Hackens *et al.* (eds.). *Proceedings of the XIth International Numismatic Congress* vol. 3 (Louvain-la-Neuve 1993) pp. 233-42.

692 RAO, BHATT SANKARA and M.V. NAIR. Non-Destructive Analysis of Some Indian Silver Coins. *Numismatic Studies* 3 (1993) pp. 129-32.

The authors carried out analysis of some Indian silver coins by employing wavelength dispersive X-ray fluorescence spectrometry and present the results of these analyses. Out of 162 punch-marked coins and three others analyzed, the metallic composition of 25 coins is given.

(Amiteshwar Jha)

693 RAO, V. PANDIT, P. GAYATHRI, and K. RAGHUNADH. Chemical Analysis and Conservation of Western Kshatrapa Silver Coins: A Case Study of Yerrinemmapadu Hoard. *NumDigest* 15 (1991) pp. 127-37 illus.

A small hoard of 24 Western Kshatrapa silver coins was found at Yerrinemmapadu village in Ghantasala mandal of the Krishna district in Andhra Pradesh. These coins were analyzed by atomic absorption spectrophotometry.

(Amiteshwar Jha)

694 RHODES, N.G. The Birmingham Mint and Coinage for Nepal. *NCirc* 102 no. 5 (June 1994) p. 213 illus.

695 RHODES, NICHOLAS and VASANT CHOWDHURY. Tripura Coinage around AD 1600. *NumDigest* 16 (1992) pp. 136-45 illus.

Rare coins give important information not available from other sources for the confused history of Tripura during the period around A.D. 1600. Coins show that Yasodhar Manikya's accession to the throne ca. A.D. 1599 was not unopposed; coins in the name of three pretenders, none of whom are mentioned in the Rajamalas, were struck in three consecutive years, including two years in which the legitimate king Yasodhar also struck coins. (Amiteshwar Jha)

696 SARMA, I.K. Chakra Type Coins from Hyderabad Region. *Numismatic Studies* 3 (1993) pp. 43-45 illus.

The author publishes two copper coins with similar motifs and weighing 3.983 and 1.232 gm. obtained from the Hyderabad region. The coins bear a revolving chakra with twelve spokes, the upper six spokes without the rim, with the legend *Raño Vasethiputasa siri Pulumavisa* on the first and ...*thiputasa*... on the second, and Ujjain symbol within a square frame on the reverse. The first coin is described as cast and the second as die-struck. (Amiteshwar Jha)

697 SARMA, I.K. Vishnukundin Coins from Peddavegi Excavations and Related Issues. *NumDigest* 16 (1992) pp. 95-111 illus.

Vishnukundin coins found in the excavations at Peddavegi, Nagarjunakonda, Amaravati-Dharanikota and Sankaram, all in Andhra Pradesh, are published and discussed. The author interprets the reverse devices, which other scholars have taken as vase and lamp stands, as a temple and ploughshare. (Amiteshwar Jha)

698 SCHNEIDER, JÜRGEN, OSKAR SCHWARZER, ZELFELDER, and MARKUS A. DENZEL, eds. *Währungen der Welt Vol. IV. Asiatische und australische Devisenkurse im 19. Jahrhundert.* (Beiträge zur Wirtschafts- und Sozialgeschichte vol. 47). Stuttgart, Franz Steiner Verlag 1992. xix + 380 pp. ISBN 3-515-06063-4.

699 SENIOR, R.C. Aghudaka? A New Discovery Gives a Clearer Reading. *Numismatic Studies* 3 (1993) pp. 35-38 illus.

In light of the discovery, at Ed-Dur in Umm-al-Qaiwain in the United Arab Emirates, of a coin of the ruler whose name was read earlier as Aghudaka, the author revises the reading of the issuer's name as Abhirakasa or Arapurakasa. The legend is restored as *Khaharatasa Khatrapasa Jayatasa Arapu(bhi)rakasa*. (Amiteshwar Jha)

700 SHARMA, MAHESH. Copper Coins of Ram Singh of Jammu. *Numismatic Studies* 3 (1993) pp. 105-108 illus.

A copper coin with a Nagari legend on one side and a pipul leaf and Persian legend on the other is published and ascribed to Ram Singh, a Dogra ruler of Jammu and Kashmir. (Amiteshwar Jha)

701 SHASTRI, AJAY MITRA. Counterfeit Coins in Ancient India: Literary and Epigraphic Evidence. *Numismatic Studies* 3 (1993) pp. 11-18.

The author culls allusions to forgeries of coins both in literary works and inscriptions of the various phases of ancient and early medieval Indian history. These references indicate that forgery of coins was well known throughout this period.

(Amiteshwar Jha)

702 SHASTRI, AJAY MITRA. A New Type of Satavahana King Vasishthiputra Pulumavi's Coin from Vidarbha. *Numismatic Studies* 3 (1993) pp. 39-42 illus.

A potin coin, reportedly found in the Vidarbha region, bears a twelve-rayed sun inside a crescent moon and the Brahmi legend *Raño Vasithiputasa siri Pulumavisa* on the obverse and an Ujjian symbol within a rectangle on the reverse. (Amiteshwar Jha)

703 SHASTRI, AJAY MITRA and SANJAY GODBOLE. A Copper Coin of Huvishka with Indian Dress. *Numismatic Studies* 3 (1993) pp. 47-48 illus.

This coin depicts the king seated cross-legged/Miro type. (Amiteshwar Jha)

704 SHASTRI, AJAY MITRA and SANJAY GODBOLE. An Enigmatic Kushana Copper Coin of the Kanishka Group. *Numismatic Studies* 3 (1993) pp. 125-26 illus.

The author publishes a Kushana copper coin with the king seated on a throne on the obverse and the Moon god Mao on the reverse. The obverse legend is obliterated, so no identification of the issuer is possible. However, the coin adds a new type to the Kushana coinage. (Amiteshwar Jha)

705 SHASTRI, AJAY MITRA and SANJAY GODBOLE. A Copper Coin of Kshatrapa Rudrasimha II. *Numismatic Studies* 3 (1993) pp. 127-28 illus.

A copper coin of the Western Kshatrapa ruler Rudrasimha II of the same type as his silver coins is believed to be a forgery. (Amiteshwar Jha)

706 SIDDIQUI, A.H. Copper Coins of Later Nizam Shahi Kings. *Numismatic Studies* 3 (1993) pp. 95-104 illus.

The author publishes a posthumous copper coin of Murtaza II and copper coins of Murtaza II and Burhan III of different types from the Parenda and Daulatabad mints.

(Amiteshwar Jha)

707 SIDDIQUI, A.H. A New Type of Copper Coin of Isma'il Shah. *NumDigest* 15 (1991) pp. 104-107 illus.

The author publishes a new type of copper coin of Isma'il Shah, the first independent Muslim ruler of the Deccan, on which the issuer calls himself 'Imam al-A'tam.'

(Amiteshwar Jha)

708 SIDDQUI, A.H. A New Mint on a Copper Coin of Tipu Sultan. *NumDigest* 16 (1992) pp. 230-31 illus.

The author publishes a copper coin of Tipu Sultan bearing the name of a new mint, Sakkar Kot. It is identified with Sakkerpatan in the Kadur taluka of the Chikmagalur district in Karnataka.

(Amiteshwar Jha)

709 SINGH, SURINDER. Nomenclature of Sikh Coinage. *Numismatic Studies* 3 (1993) pp. 109-14.

Reviewing the writings on the terms 'Nanak Shahi' and 'Gobind Shahi' employed for certain Sikh coins, the author suggests calling Sikh coins with the legend *Deg Tegh Fateh* 'Gobind Shahi' coins is incorrect. He argues that all the Sikh coins struck in the name of the Sikh Gurus can only be called 'Nanak Shahi' coins.

(Amiteshwar Jha)

710 SOHONI, S.V. A Note on Revanta Coin Type of Chandragupta II, Vikramaditya, and Kumuragupta I etc. *Numismatic Studies* 3 (1993) pp. 55-56.

The 'Revanta' coin type is a more accurate description of the Gupta gold coins that are described as being of the 'Horseman' type.

(Amiteshwar Jha)

711 STEVENS, P.J.E. The coins of the British in India: The Elusive Great Cash of Madras. *NCirc* 101 no. 8 (Oct. 1993) p. 284 illus.

712 VARMA, L.B. Two Rare Early Coins. *NumDigest* 15 (1991) pp. 83-85 illus.

A copper coin with a Garuda/Brahmi legend and a copper/billon coin with humped bull to r./female figure seated cross-legged are published.

(Amiteshwar Jha)

713 WIGGINS, K. A New Mohur of the East India Company from the Arkat Mint. *NCirc* 101 no. 1 (Feb. 1993) p. 4 illus.

714 WIGGINS, K. Some New and Unpublished Coins of the East India Company. *NCirc* 102 no. 6 (July 1994) p. 255 illus.

For additional references to the numismatics of India and South Asia, see the following abstract:

Greek, No. 188.

FAR EAST

715 DONG, WENCHAO et al., eds. *An Overview of China's Gold and Silver Coins of Past Ages: the Gold and Silver Coins and Medals of Modern China*. Beijing, China Finance Publishing House 1993. 869 pp. illus. Bilingual in Chinese and English. ISBN 962-531-001-0-142/BJ.

Over 1000 gold and silver coins of China are illustrated in natural size in photographs and spectacular rubbings. A significant number are also shown in color, both in life size and in 60-millimeter enlargements. Coverage includes all central government and provincial issues of the Qing dynasty, the Republic of China, and the Chinese Soviet Republic, plus Tibet, issues of the Taiping rebellion, patterns, medals, over 200 counterfeits and fantasies, and a 25-page glossary. The work does not cover issues of the People's Republic. (Joseph E. Boling)

716 FISHER, GEORGE A., JR. The Huichang Cash of the T'ang Dynasty. *JEAN* 2 no. 1 (Jan.-Feb. 1995) pp. 24-37 illus.

Kai Yuan Tong Bao cash coins with mintmarks created during the reign of emperor Hui Chang are presented, in 23 types plus five spurious types and one unattributed mark. Pinyin and Wade Giles readings are given for each mintmark, plus details about the city associated with each mint and its names in T'ang and modern times. The article concludes with a list of 14 references for these pieces and a table of rarities compiled from seven of those references. (Joseph E. Boling)

717 GABRISCH, KARL and AMOGH R. SHAKYA. Numismatic Glimpses from the Tibetan Borderlands. The iron bars with the Na-Xi Tribe. *NI* 29 no. 12 (Dec. 1994) pp. 272-74.

718 GOETZ, WILLIAM. Chinese Cast Coinage. *JEAN* 2 no. 2 (March-April 1995) pp. 40-43 illus.

The first of a projected series, this article deals primarily with *pan liang* coins in their many weights and *Ta Ch'uan Wu Shih* pieces. (Joseph E. Boling)

719 GUOYAN, T. A Kind of Silver Ingot of China Archway Sycee of Yunnan. T. Hackens et al.(eds.), *Proceedings of the XIth International Numismatic Congress* vol. 4 (Louvain-la-Neuve 1993) pp. 107-10.

720 HENKE, KLAUS. Ibn Batuta berichtet über chinesisches Papiergeld des 14. Jahrhunderts. *HBN* 36/38 (1982/84 [1993]) pp. 47-55.

The author comments on reports of the Arabic chronicler Ibn Batuta about the use of paper money in China in the 14th century. *(Peter Ilisch)*

721 IVOTCHKINA, N.V. The Early Chinese Chu Gold Plates (5th-3rd Cent. B.C.). T. Hackens *et al.*(eds.), *Proceedings of the XIth International Numismatic Congress* vol. 3 (Louvain-la-Neuve 1993) pp. 329-32.

722 KALLMAN, JOHN K. Common Sense Commemoratives. *JEAN* 2 no. 2 (March-April 1995) pp. 44-47.

The Japanese system of commemorative coinage is described, with notes on its relatively infrequent mintages, circulating denominations, and appeal to non-collectors. The Japanese program is held worthy of emulation by other commemorative-issuing nations. *(Joseph E. Boling)*

723 LEONARD, M. Les rajahs blancs de Sarawak. La famille Brooke 1842-1946. *Vie num* 43 no. 6 (1993) pp. 195-200.

724 MA, CHUAN-DE and XU, YUAN. Peter Siu, transl. Existence of unique Chinese coin proved. *WCN* Feb. 13, 1995, p. 10 illus.

Controversy surrounding a recently-discovered dollar with the portrait of Li Yuan Hung, bearing the inscriptions "Kuping 7 mace 2 candareens" and "to commemorate the birth of the Republic," is explored. The authors explain that Hong Kong numismatist H. Chang had declared the coin a counterfeit (fantasy), but that examination of the coin after cleaning had shown that the inscriptions were original (not re-engraved). Irregularity in the lettering was explained as normal for the period of production. The coin is now considered a pattern of the Hupeh mint.

(Joseph E. Boling)

725 MA, DING-XIANG. Chuan-de Ma, ed. *Xian Feng Quan Hui* [Xian Feng Coins and Notes]. Shanghai, Shanghai Peoples' Publishers 1994. 1141 pp. illus. ISBN 7-208-01857-X/K. In Chinese.

Coins and notes of the Xian (Hsien) Feng emperor are presented, with obverse/reverse rubbings of almost 4000 coins (including hundreds of multiple cash pieces, "trees," and sycees) and about 150 photos of notes and note-printing plates. Over 25 branch mints' emissions are included. *(Joseph E. Boling)*

726 MA, DING-XIANG. Chuan-de Ma, ed. *Tai Ping Tian Guo Quan Bi* [Coins of the Tai Ping "Heavenly Kingdom"]. Revised ed. Shanghai, Shanghai Peoples' Publishers 1994. 253 pp. illus. ISBN 7-208-01864-2/K. In Chinese.

Rubbings of 351 Tai Ping coins and one note are presented, plus 114 counterfeit and fantasy pieces (including two notes). Included are the various hand-engraved silver pieces that have been reported in the past decade and oversized ornamental pieces.
(Joseph E. Boling)

727 MATSUO, YOSHIHIKO. *Nihon no Okane: kindai tsuka handobukku* [Japan's Money: modern currency handbook]. Tokyo, Finance Ministry Printing Bureau 1994. 300 pp. illus. In Japanese. ISBN 4-17-312160-1.

Detailed description of the production of coins and currency in Japanese government facilities is provided, followed by tables describing all issues. All regular issue coins and notes, and a few never-issued notes, are illustrated in color.

(Joseph E. Boling)

728 NOVAK, JOHN A. and JOHN K. KALLMAN. What Was it Worth? *JEAN* 2 no. 1 (Jan.-Feb. 1995) pp. 49-51 illus.

The relative values of U.S. and Japanese silver and gold coinage during the period that Townsend Harris was negotiating the Treaty of Yokohama are discussed.

(Joseph E. Boling)

729 SHAANXI NUMISMATIC SOCIETY. *Qin Han Qian Fan* [Qin and Han Dynasty Coin Molds]. Xian, Sanqin Publishing Co. 1992. 342 pp. illus. ISBN 7-80546-469-3/K-148. In Chinese.

Several hundred molds or fragments of molds used to cast *ban liang* and *wu zhu* coins are illustrated, along with maps and text describing their recovery sites. This is supplemented with information about molds published in other works.

(Joseph E. Boling)

730 SHUOMIN, YAO. *The History of Money. The Earliest Catalogue of Coins.* T. Hackens *et al.*(eds.), *Proceedings of the XIth International Numismatic Congress* vol. 3 (Louvain-la-Neuve 1993) pp. 325-28.

731 SMITH, BRUCE W. China's World War II Guerrilla Currency, parts 3 and 4. *JEAN* 2 no. 1 (Jan.-Feb. 1995) pp. 52-76.

Part 3 covers the Tai Hang-Tai Yueh guerrilla base area; south Hopei guerrilla base area; Shansi-Hopei-Shantung-Honan border area; Shansi-Suiyuan border area; and Shantung guerrilla base area. Part 4 starts the coverage of eastern China, presenting the north and central Kiangsu, Huai Pei, Huai Nan, O-Yu-Wan, south Kiangsu, central Anwhei, and east Chekiang guerrilla base areas. (Joseph E. Boling)

732 SMITH, BRUCE W. Early works on Chinese coins: the literature before 1650. *JEAN* 2 no. 1 (Jan.-Feb. 1995) pp. 16-23.

The author provides an annotated bibliography of over seventy early Chinese works. *(Joseph E. Boling)*

733 [SMITH, BRUCE W.] Numismatic Literature on the Far East. *JEAN* 2 no. 1 (Jan.-Feb. 1995) pp. 9-15.

This article contains abstracts of 22 books, 10 articles, and two journals in English and Chinese. *(Joseph E. Boling)*

734 [SMITH, BRUCE W.] Numismatic Literature on the Far East. *JEAN* 2 no. 2 (March-April 1995) pp. 5-7.

Abstracts of 4 books in English or Chinese are presented. *(Joseph E. Boling)*

735 SMITH, BRUCE W. Thoughts on Pricing Vietnamese Cash Coins. *JEAN* 2 no. 1 (Jan.-Feb. 1995) pp. 39-42.

Values of Vietnamese cash pieces are estimated based on the relative scarcities of 81 types found in several lots totalling over 3,000 pieces. *(Joseph E. Boling)*

736 SMITH, BRUCE W. The Truth about the T'ung Chih Double Dragon Gold Pieces. *JEAN* 2 no. 2 (March-April 1995) pp. 31-39 illus.

Numerous auction offerings citing conflicting and obviously fanciful origins for the title coins are quoted, followed by the author's research and deductions. He concludes that the pieces were manufactured at the Hangchow mint in 1919 to a private order for one Welmo Schroemo, who subsequently sold them to unknowledgeable buyers, whence they made their way into the numismatic auction trade. The auctioneers, having no reliable information about the medals' source, then made up their several stories to make the pieces attractive to bidders.

(Joseph E. Boling)

737 SWEENEY, JAMES O. The Peking Coins of *geng zi* (1990) [*sic*], part I. *JEAN* 2 no. 2 (March-April 1995) pp. 18-25, illus. on p. 62.

The title should say '1900.' The coins discussed are five denominations (5 cents through 1 tael) that exist in silver and gold, and state that they are from Peking, but from a time when there was no operational mint there. Sweeney presents evidence that Edward Wyon was in the process of establishing a mint in Peking that was destroyed during the Boxer rebellion. The dies came from England. Details of the timing and location of the striking of the pattern coins are not presented in this part of the article. *(Joseph E. Boling)*

738 TAN, STEVEN. *Catalog of Hong Kong Currency—Phone Cards—MTR Cards and Macau Telephone Cards*. Kuala Lumpur, International Stamp and Coin SDN 1993. 140 pp. illus.

The third edition of a book previously published without the telephone and mass transit railway (MTR) cards. Coins, notes, and the cards described in the title are included.
(Joseph E. Boling, from review)

739 THIERRY, FRANÇOIS. De la nature fiduciaire de la monnaie chinoise. *CENB* 30 no. 1 (1993) pp. 1-13 illus.

740 THIERRY, FRANÇOIS. Éléments pour l'étude des *Wuzhu* de Wudi des Han (Jun-guo, chice et San Guan, 118-113 av. J.-C.). T. Hackens *et al.*(eds.), *Proceedings of the XIth International Numismatic Congress* vol. 3 (Louvain-la-Neuve 1993) pp. 333-38.

741 TSENG, CHE-LU. A Forgery of Taiwan's Lotus Dollar. *JEAN* 2 no. 2 (March-April 1995) pp. 58-61 illus. In Chinese.

742 TSENG, CHE-LU. A Forgery of Taiwan's *Pi Pao* (Crossed Brush) Dollar with "Liang" on the Back. *JEAN* 2 no. 1 (Jan.-Feb. 1995) pp. 77-79 illus. In Chinese.

743 VAN DAELE, MARC. La contremarque de "Java" aux Indes orientales néerlandaises. *Vie num* 43 no. 9 (1993) p. 309 illus.

744 VANDERLEYDEN, R. De oude betaalvormen in Zuidoost-Azië (II) [Ancient means of payment in southeast Asia]. *JEGMP* 1993 pp. 155-90.

745 WANG, HELEN. Coins and membership tokens of the Heaven and Earth Society. *NC* 154 (1994) pp. 167-90 illus.

This paper looks specifically at coins, tokens and certificates issued by secret societies in China since the Taiping rebellion. The author explains the symbolic inscriptions on them and identifies several objects from the British Museum and other collections. The paper considers 19th-century evidence collected by Europeans in the Far East and South East Asia, contemporary Chinese accounts, and recent Chinese numismatic publications.
(Author)

746 XIANGZHEN, Y. Gold and Silver Commemorative Coins Again Flourishing in China. T. Hackens *et al.*(eds.), *Proceedings of the XIth International Numismatic Congress* vol. 4 (Louvain-la-Neuve 1993) pp. 111-13.

747 YIH, T.D. and J. DE KREEK. Preliminary Data on the Metallic Composition of Some S.E.-Asian coinage as Revealed by X-ray Fluorescence (XRF) Analysis. *NCirc* 101 no. 1 (Feb. 1993) pp. 7-9 illus.

748 YIH, T.D. and J. DE KREEK. The gongsi cash pieces of western Borneo and Banka in the Ethnographical Museum at Rotterdam. *NC* 153 (1993) pp. 171-95 illus.

The gongsi cash pieces of western Borneo and Banka were studied both historically and numismatically. The collection consists of 31 pieces (7 different types) from Borneo and two different pieces from Banka. The pieces from Borneo included pieces from the following gongsis: Da gang (19); Shi-wu-fen (2); Lin-tian (2); one unlisted variant of the latter gongsi with a corrupt manchu reverse legend and two unlisted pieces inscribed He-shun gongsi. There were several additional pieces which did not bear a gongsi name: Gong Ping Jiao Yi (2); Yi Ben Wan Li (2) and one piece inscribed Yong Xing He Li (1). The two Banka pieces were similar to Millies 215 and 222. The composition of 24 coins in the Ethnographical Museum collection and a number of pieces from elsewhere were analyzed by x-ray fluorescence spectrometry. The Chinese miners on the western coast of Borneo apparently not only issued different cash pieces but there were also differences in the lead-tin alloy used for the coinages. The Banka pieces had tin as a major metallic component. (*Authors*)

749 YIH, T.D. Chaghatayid Coins from Sinkiang. Tri-lingual Coins. T. Hackens *et al.*(eds.), *Proceedings of the XIth International Numismatic Congress* vol. 3 (Louvain-la-Neuve 1993) pp. 343-48.

750 ZHI-QIANG, DAI and ZHOU WEI-RONG. Studies on the Alloy Composition of Past Dynasties Copper Coins in China. T. Hackens *et al.*(eds.), *Proceedings of the XIth International Numismatic Congress* vol. 3 (Louvain-la-Neuve 1993) pp. 311-24.

751 ZHONGSHAN, ZHANG. Liang Zoa Xin Quan Coin Excavated in Wuwei City on the Silk Road. T. Hackens *et al.*(eds.), *Proceedings of the XIth International Numismatic Congress* vol. 3 (Louvain-la-Neuve 1993) pp. 339-42.

EUROPE -- MEDIEVAL AND MODERN

GREAT BRITAIN AND IRELAND

752 ALLEN, MARTIN. The chronology of Short Cross class Ia. *BNJ* 63 (1994) pp. 53-58.

Documentary evidence is combined with that of die-studies to develop a chronology of die production during the introduction of the English Short Cross coinage in 1180. The first is principally derived from chronicles and Exchequer Pipe Roll accounts, and the die studies have been published by J.P. Mass (*BNJ* 63 [1994] pp. 20-52; see below). Dates are suggested for the five subdivisions of Short Cross Ia identified by Mass between ca. May/June and ca. October/November 1180. It is argued that the speculative estimates of the minimum number of obverse dies used during the recoinage of 1180-82, calculated using the proposed chronology and the number of class Ia obverse dies recorded by Mass, are of the right order of magnitude.

(Author)

753 ARCHIBALD, MARION M. Dating Cuerdale: the evidence of the coins. James Graham Campbell, ed., *Viking Treasure from the North West: the Cuerdale Hoard in its Context* (Liverpool 1992) pp. 15-20 illus.

The dates of the latest coins comprising the various numismatic elements of the Cuerdale hoard are reviewed. The present state of the evidence points to ca. A.D. 905.

(Edward Besly)

754 BALDWIN, E. and K. BUTCHER. *Study Photographs of the C.E. Blunt Collection of British Medieval Coins in the Fitzwilliam Museum. Part 1. Anglo-Saxon, Anglo-Norman, and Hiberno Norse*. 2 vols. Cambridge 1992.

755 BALDWIN, E. and K. BUTCHER. *Study Photographs of the C.E. Blunt Collection of British Medieval Coins in the Fitzwilliam Museum. Part 2. Tealby to Edward III (pre 1351)*. 2 vols. Cambridge 1993.

756 BARCLAY, CRAIG. Scottish halfpennies from the tomb of Archbishop Scrope. *NCirc* 101 no. 2 (March 1993) pp. 43-44 illus.

Among many coins found when the tomb of Richard le Scrope, Archbishop of York (d. 1405), was excavated in the 19th century were at least five halfpennies of Robert III of Scotland, four from the Perth mint. (Edward Besly)

757 BARCLAY, CRAIG. An Elizabethan hoard from County Armagh. *NCirc* 101 no. 7 (Sept. 1993) p. 242 illus.

758 BATESON, J.D. Three hoards of the sixteenth and seventeenth centuries from the west of Scotland. *NC* 153 (1993) pp. 153-69.

Three hoards housed in the Hunterian Museum at Glasgow University are catalogued and discussed. The earlier 'Neilson' hoard was probably found 1880-1920, while the two later finds are recent discoveries. The 'Neilson' hoard appears to consist of 60 silver coins, mainly groats of Henry VIII and James V, probably deposited about 1545. Hoards of this period are scarce from Scotland and show the currency pattern before billon became more important later in the century. The two later hoards belong just before and after the Civil War and show the importance of copper as an element of 17th-century Scottish currency. That from Toward Castle, burnt and abandoned in 1646, consists of 33 turners of Charles I, probably concealed about 1636 in the thatched roof of the hall. The Inverary find, concealed in a shoe, comprises 261 coins, mainly turners of Charles II struck 1663-68, with some English and Scottish silver, the latest an unworn merk of 1673. (Author)

759 BATESON, J.D. A Hiberno-Norse hoard from Dull, Perthshire. *NC* 153 (1993) pp. 211-14 illus.

This small hoard consists of a single rouleau of at least 16 silver pennies, unfortunately fused together during stubble burning and subsequently broken up upon discovery in 1989. All visible coins are phase II Hiberno-Norse pennies struck at Dublin ca. 1020-35 and seem to belong early in this phase. They do not appear to have been long in circulation and a date of deposition ca. 1025 seems probable. This is the only hoard from Scotland to consist solely of Hiberno-Norse pennies and is one of only a small group of 11th-century hoards from the north-east of Scotland, an area described as a no-man's land between the areas of Norse and Danish influence in Britain. It is now in the Hunterian Museum, Glasgow University. (Author)

760 BATESON, J.D. *Coin Finds from Cromarty*. Cromarty 1993. 20 pp.

Cromarty has yielded one of the largest and most important groups of coin finds recovered in Scotland. A core group of 49 silver and billon coins dating from the early thirteenth to the seventeenth century is supplemented by over 500 seventeenth-century copper pieces and later Georgian and more modern issues. The coins are listed, and the significance of their find site, an area on the southeast edge of the town, is discussed. (Author/Edward Besly)

761 BESLY, EDWARD. Recent coin hoards from Wales, 1985-1992. *BNJ* 63 (1994) pp. 84-90 illus.

Eight small hoards of English coins examined at the National Museum of Wales between 1985 and 1992 are published. They range from the late Anglo-Saxon period to the twentieth century. (Author)

762 BLACKBURN, MARK. A lead striking of an East Anglian variant of Stephen's type I. *NC* 153 (1993) pp. 215-17 illus.

A lead piece impressed with dies of Stephen, king of England (1135-54), was found at West Acre, Norfolk. It is a rare variant of his type I having round terminals to the crown, by the moneyer Albert, probably working at Norwich. (Author)

763 BLACKBURN, MARK. A variant of the seventh-century 'York' group of shillings found in Lincolnshire. *NC* 154 (1994) pp. 204-8 illus.

A new variety of the 'York' gold shillings found at Burton-by-Lincoln prompts a reappraisal of the iconography of the five surviving coins of the group. (Author)

764 BLACKBURN, MARK. Two new halfpennies of Edward the Elder and Athelstan. *BNJ* 63 (1994) pp. 123-24 illus.

This paper publishes two unrecorded types of Anglo-Saxon halfpenny: Edward the Elder, *Hand of God* type, and Athelstan, Horizontal type. (Author)

765 BLACKBURN, MARK. A new mint for Stephen—Rvci (Rochester). *BNJ* 63 (1994) pp. 126-27 illus.

A coin of Stephen's type 6 (Profile/Cross-and-piles) with the signature RVCi is attributed to Rochester, thus extending the mint's activity by some thirty years from Henry I's type 10. (Author)

766 BLACKBURN, MARK. Hertford—a new mint for Henry I. *NCirc* 101 no. 10 (Dec. 1993) p. 349 illus.

767 BLACKBURN, MARK, M.J. BONSER, and W.J. CONTE. A new type of Edward the Confessor for the 'Newport' mint. *BNJ* 63 (1994) pp. 125-26 illus.

The activity of the *Niwepor* mint is extended back to the Expanding Cross issue by the discovery of two new coins. The evidence for attributing this group to either Newport Pagnell or Newport (Essex) is considered. (M.A.S. Blackburn)

768 BLACKBURN, MARK. The Chronology of Henry I's Coinage—Evidence versus Hypothesis. *NCirc* 102 no. 4 (May 1994) pp. 164-65; correction published *NCirc* 102 no. 5 (June 1994) p. 211.

769 BLACKBURN, MARK. Stenton and Anglo-Saxon Numismatics. D. Matthew, ed., *Stenton's Anglo-Saxon England Fifty Years on* (Reading Historical Studies 1, Reading 1994) pp. 61-81.

Drawing on unpublished diaries, correspondence, and papers, this article traces Sir Frank Stenton's interest in numismatics starting in the 1890's as a schoolboy collector. It assesses the use made of numismatic evidence in his historical writings, and shows how in the 1950's he was drawn into the new wave of numismatic research by Christopher Blunt and Michael Dolley, culminating in the establishment of the *Sylloge of Coins in the British Isles* series, in which Stenton played a significant role.

(Author)

770 BLACKBURN, MARK. Coin finds and coin circulation in Lindsey, c. 600-900. A. Vince, ed., *Pre-Viking Lindsey* (Lincoln 1993) pp. 80-90.

771 BOON, GEORGE C. A case-history of British bullion: Cardiganshire silver and the feathers coinage 1671-1731. *BNJ* 63 (1994) pp. 65-83 illus.

This paper is a sequel to the author's *Cardiganshire silver and the Aberystwyth mint in peace and war* (Cardiff 1981 [NL 108 #395]). The mining of silver-bearing lead ore in Cardiganshire during the later seventeenth and early eighteenth centuries by the Company of Undertakers of Mine Royal and by the Company of Mine Adventurers of England is discussed in the context of the striking in London of coins bearing the 'feathers' mark indicative of Welsh provenance. Such coins were produced during the reigns of Charles II, James II, William III, Anne, and George II, between 1671 and 1731. The author also discusses the 'roses and feathers' coinage (London Lead Company; coins 1705-1737) and with feathers and intertwined Cs (Welsh Copper Company; coins 1724-26).

(Edward Besly)

772 BOON, GEORGE C. Towards a numismatic history of the kingdom of Serendip, II. *NCirc* 100 no. 3 (April 1992) p. 82 illus.

The author discusses engravings of Remic bronzes and an Anglo-Saxon thrymsa in a seventeenth-century commentary on the *De Trinitate* ascribed to Vigilius.

(Edward Besly)

773 The Last Calais Halfgroat. *NCirc* 102 no. 3 (April 1994) p. 106 illus.

774 CHALLIS, C.E. Presidential Address. *BNJ* 63 (1994) pp. 170-77. (pp. 172-77 are a paper on the last issue ['fine coinage'] of Edward VI.)

Though relatively neglected, the last issue of Edward VI pursuant to the commission of 5 October 1551 is significant not only because it was intended to have a higher silver content than anything which had preceded it but also because its planning was influenced by the young king. Taken with other coinage issues with which the king showed himself to be familiar at this time, this influence has a wider significance in that it shows, contrary to what some historians have said, that Edward was indeed actively involved in the affairs of State in his latter days. (Author)

775 CHICK, DEREK. A remarkable new penny of Archbishop Aethelheard of Canterbury. *NCirc* 100 no. 6 (July 1992) pp. 188-90 illus.

776 CHICK, DEREK. A portrait penny of Offa by the moneyer Tirwald. *NCirc* 101 no. 8 (Oct. 1993) pp. 279-80 illus.

777 CHOWN, JOHN. Quatrefoil imitations: some further thoughts. *NCirc* 101 no. 8 (Oct. 1993) p. 280-81.

778 CHOWN, JOHN. Quatrefoil imitations: Some Further Thoughts, Part II. *NCirc* 102 no. 10 (Dec. 1994) p. 439-41 illus.

779 CUDDEFORD, M.J. Another unpublished Henry I type 4 penny. *NCirc* 101 no. 9 (Nov. 1993) p. 315 illus.

A penny of Edwine of Exeter is published. (Edward Besly)

780 DORRIEN, THOMAS. The Dorrien Magens shilling of 1798. *NCirc* 101 no. 5 (June 1993) p. 152.

781 DU QUESNE BIRD, N. Monetary marks on South of England silver. *NCirc* 100 no 9 (Nov. 1992) p. 304 illus.

782 DU QUESNE BIRD, N. Proposed coinages for Guernsey, 1723-1829. *NCirc* 101 no. 1 (Feb. 1993) pp. 10-11.

783 DU QUESNE BIRD, N. Some Jersey goldsmiths as medallists and moneyers. *NCirc* 101 no. 4 (May 1993) p. 118.

784 DU QUESNE BIRD, N. A goldsmith and possible moneyer of circa 1208 at Exeter. *NCirc* 101 no. 7 (Sept. 1993) pp. 239-40.

785 DU QUESNE BIRD, N. Report from Lyme Regis, 1786. *NCirc* 101 no. 9 (Nov. 1993) p. 319.

The finding of a large hoard of coins is described.

(Edward Besly)

786 DU QUESNE BIRD, N. Rings as a Store of Wealth in Fifteenth Century Wells. *NCirc* 102 no. 2 (March 1994) p. 58.

787 DU QUESNE BIRD, N. Gold Rings as a store of Wealth in 13th Century Gloucester. *NCirc* 102 no. 8 (Oct. 1994) p. 360.

788 DU QUESNE BIRD, N. Monetary Marks on West Country Silver. *NCirc* 102 no. 9 (Nov. 1994) p. 401-402 illus.

The author discusses monetary value marks found on secular plate.

(Stephen Doolan)

789 GOMM, J.D. "REX ANGORU"—A Clue to Late Saxon Monetary Practice? *S&B Coin and Medal Bulletin* 12 (May-June 1993) pp. 6-10.

The author discusses a variety of Edward the Confessor's Sovereign-Eagles type.

(Stephen Doolan)

790 GRAHAM-CAMPBELL, JAMES (ed.). *Viking Treasure from the North West: the Cuerdale Hoard in its Context*. National Museums and Galleries on Merseyside Occasional Papers: Liverpool Museum no. 5. Liverpool 1992.

This is a collection of selected papers from *The Vikings of the Irish Sea* Conference, Liverpool, 18-20 May 1990, marking the 150th anniversary of the discovery of the famous early 10th-century Cuerdale hoard of coins and silver objects.

(Edward Besly)

791 GRAHAM-CAMPBELL, JAMES. The Cuerdale hoard: a Viking and Victorian treasure. J. Graham-Campbell, ed., *Viking Treasure from the North West: the Cuerdale Hoard in its Context* (Liverpool 1992) pp. 1-14 illus.

The author reviews the circumstances of discovery and subsequent disposition of the 1840 Cuerdale hoard.

(Edward Besly)

792 GRAHAM-CAMPBELL, JAMES. The Cuerdale hoard: comparisons and context. J. Graham-Campbell, ed., *Viking Treasure from the North West: the Cuerdale Hoard in its Context* (Liverpool 1992) pp. 107-15 illus.

This paper reviews the context of the Cuerdale treasure in terms of the related hoard material deposited in Britain and Ireland within the thirty-year period centered on the date of its burial in ca. 905.

(Author)

793 GRAYBURN, R. A New Second Hand Moneyer of Æthelred II. *Newsletter: Journal of the London Numismatic Club* 7.17 (1993) pp. 24-26.

The author records the moneyer Wullaf at Chester. (Stephen Doolan)

794 HAMMOND, P.W. and LIVIA VISSER-FUCHS. Did Edward IV strike coins in Burgundy?: a Rose Noble in stone from Maastricht. *BNJ* 63 (1994) pp. 129-32 illus.

A carving of an English rose noble on a house in Maastricht in Holland has previously been said to show that coins were struck there for (or by) Edward IV during his exile in 1470-71. It is shown that this is very unlikely since there is no evidence either that Maastricht housed a mint there in the fifteenth century or that Edward would have needed or been allowed to strike gold coins himself. These carved 'coins' are in fact quite common on houses throughout Holland. This may be due to the popularity of the rose noble and its imitations in the Low Countries in the later Middle Ages. (Authors)

795 HULETT, J.R. The silver coinage of 1626—an update. *NCirc* 101 no. 7 (Sept. 1993) pp. 240-42 illus.

796 JUEL-JENSEN, B. and S. MUNRO-HAY. Further Examples of coins of Offa inspired by Aksumite Designs. *NCirc* 102 no. 6 (July 1994) pp. 256-57 illus.

797 LESSEN, MARVIN, MARY F. STRIEGEL, and PETER P. GASPAR. Counterfeit 'scowling bust' groats of Henry V. *NC* 153 (1993) pp. 218-25 illus.

Unusually well-produced groats of the 15th century, which emulated the 'scowling bust' types, were analyzed to determine the methods used to manufacture them and the reasons for their low weights and low specific gravities. Laboratory tests confirmed that they were die-struck, of base silver composition, and their low weights and specific gravities were considered to be due to internal corrosion, i.e., preferential loss of copper. Numismatic inconsistencies related to legends and stops and in various comparisons are made with known genuine dies. (Authors)

798 LESSEN, MARVIN. York annulet silver coins of Henry VI. *BNJ* 63 (1994) pp. 59-64 illus.

The brief and small issue of coins from the York mint in 1423 provided an opportunity to relate fairly good written records to the coins that are known to exist today. Dies are differentiated, and several different methods used to estimate the number of dies originally used and the number of coins produced for each silver denomination. The final estimates or guesses give figures of about 21,000 groats,

10,000 half groats, and less or far less than 10,000 each in pence and halfpence (if farthings had been produced they would have had no effect on the discussions). Initial conditions are based on the known amount of silver bullion coins (£496), and on 24 existing coins from 25 dies. (Author)

799 LYON, STEWART. The weight of Henry VI's Anglo-Gallic salut d'or. *NCirc* 101 no. 1 (Feb. 1993) p. 6.

800 MANVILLE, H.E. Additions and corrections to Thompson's *Inventory* and Brown and Dolley's *Coin Hoards*—Part I. *BNJ* 63 (1994) pp. 91-111 illus.

J.D.A. Thompson's *Inventory of British Coin Hoards A.D. 600-1500* (Oxford 1956) and I.D. Brown and Michael Dolley's *A Bibliography of Coin Hoards of Great Britain and Ireland 1500-1967* (London 1971) are valuable resources, although additions and corrections may be made to both in the light of new or newly-uncovered reports. Part I of a projected series cites information on hoards and selected single finds not noted in the two works, through quotations from *The Gentleman's Magazine* (1731-1845) and *The Scots Magazine* (1739-1826). Seventy-four 'new' hoards, eight important single finds are given "*" numbers based on the two systems, and corrections/additions to 35 previously-listed hoards are noted. (Author)

801 MARTIN, D.M. A New Obverse Die for Edward I. *NCirc* 102 no. 5 (June 1994) p. 213 illus.

802 MASS, JEFFREY P. Of dies, design changes, and square lettering in the opening phase of the Short Cross coinage. *BNJ* 63 (1994) pp. 20-52 illus.

A detailed study of class Ia of the "Short Cross" coinage of England, which was introduced in 1180, includes a new division into five sub-classes, with fully detailed mint-by-mint die studies and six plates illustrating 158 specimens. (Edward Besly)

803 MASS, JEFFREY P. A link between Tealby and Short Cross? *NCirc* 101 no. 9 (Nov. 1993) p. 316 illus.

804 MCFARLAN, D. Countermark Notelets. *NCirc* 102 no. 2 (March 1994) pp. 55-56.

The author lists documentary and numismatic evidence for various countermarks on Spanish-American eight-reale pieces. (Stephen Doolan)

805 MCFARLAN, D. Macfie Lindsay & Co. Greenock. *NCirc* 102 no. 6 (July 1994) pp. 257-58 illus.

The author explores the dating of Scottish counterstamps on Spanish-American dollars. (Stephen P. Doolan)

806 McK. CLOUGH, T.H. A Find of 13th century silver coins from Oakham, 1990. *Rutland Record. Journal of the Rutland Local History and Record Society* 14 (1994) pp. 162-66 illus.

A small purse hoard(?) found near Oakham, Rutland, is catalogued and discussed. (Stephen Doolan)

807 METCALF, D.M. The monetary economy of the Irish Sea province. J. Graham-Campbell, ed., *Viking Treasure from the North West: the Cuerdale Hoard in its Context* (Liverpool 1992) pp. 89-106.

This paper addresses questions of monetisation of the economy in Ireland and the Irish Sea coastlands, and economic and monetary interaction between the various regions between the 7th and 10th centuries A.D. (Edward Besly)

808 MOESGAARD, JENS CHRISTIAN. Two finds from Normandy of English coins of the Norman kings (1066-1154). *NC* 154 (1994) pp. 209-13 illus.

The hitherto unpublished 19th-century finds of Lillebonne (unknown number, one coin examined) and Louviers (unknown number, three coins examined) in Normandy contain exclusively English coins of William I and William II. Comparison with contemporary finds shows that English coins did not circulate much abroad. The coins of the two Norman finds have thus probably been lost or deposited by an officer or cleric arriving directly from England. (Author)

809 NORTH, J.J. A short-lived letter punch of Edward I. *NCirc* 100 no. 1 (Feb. 1992) p. 9 illus.

A damaged letter punch on class 7 pennies is described. (Edward Besly)

810 NORTH, J.J. The late Irish halfpence of Edward I. *NCirc* 100 no. 4 (May 1992) p. 113 illus.

811 NORTH, J.J. An unusual Durham mule of Edward II. *NCirc* 100 no. 6 (July 1992) p. 186 illus.

812 NORTH, J.J. A late Irish farthing of Edward I. *NCirc* 100 no. 9 (Nov. 1992) p. 305 illus.

813 NORTH, J.J. A Dublin halfpenny of the coinage of c. 1295. *NCirc* 100 no. 10 (Dec. 1992) pp. 344-45 illus.

814 NORTH, J.J. An unpublished variety of Edward I halfpenny. *NCirc* 101 no. 2 (March 1993) p. 43 illus.

815 NORTH, J.J. A new mint for Henry I type 4. *NCirc* 101 no. 6 (July 1993) p. 194 illus.

A penny of Edward of Wallingford is published.

(*Edward Besly*)

816 NORTH, J.J. An unrecorded Reading penny of Edward I. *NCirc* 101 no. 10 (Dec. 1993) p. 347 illus.

817 O'HARA, M.D. The Location of the Mint of London in the Eleventh Century in the Light of the Recently Discovered Anglo-Saxon and Norman Coin-Dies of Cnut, William I, Stephen and Henry I. T. Hackens *et al.*(eds.), *Proceedings of the XIth International Numismatic Congress* vol. 3 (Louvain-la-Neuve 1993) pp. 95-100.

818 PAGAN, HUGH. Andreas Fontaine Eques Auratus A.A.A.F. III VIR. *BNJ* 63 (1994) pp. 114-22.

The life and collecting career of the English numismatist Sir Andrew Fontaine (1676-1753) and the fate of his collection are discussed. The major purchaser was probably William Cavendish, 2nd Duke of Devonshire. A list of the 'chief remarkables' in Sir Andrew Fountain's collection (30 November 1705) is reproduced.

(*Edward Besly*)

819 PAGAN, HUGH. One More Fictional Anglo-Saxon Moneyer. *NCirc* 100 no. 10 (Dec. 1992) p. 342.

820 PIRIE, E.J.E. *The York Hoard, 1831*. Llanfyllin 1994. 51 pp. illus.

The hoard of Northumbrian stycas, discovered in 1831, could not be fully recorded until just before the specimens were dispersed at auction in 1989. The catalogue of all 322 coins, struck between ca. 830 and ca. 855, is preceded by discussion of the composition in comparison with other such finds in the south of the kingdom and in the north. The proportional representation of issues in hoards in the different areas suggests that York was not the only mint in operation and that production was regional. Three appendices are concerned with a variety of topics: examples of die-linking; the significance of motifs and detail of chronology; and uncertainty about the location of the findspot in York.

(*Author*)

821 RICE, G. The Gun Money of James II. *NCirc* 102 no. 4 (May 1994) pp. 157-59 illus.

822 ROGERS, D.J. DE S. The Rose and Portcullis farthings of Edward VI. *NCirc* 101 no. 3 (April 1993) p. 77 illus.

823 ROGERS, D.J. DE S. Dates and Small Change During the Reign of Henry I. *NCirc* 102 no. 2 (March 1994) p. 51.

824 ROGERS, D.J. DE S. The Portcullis and Rose Farthings of Henry VIII. *NCirc* 102 no. 9 (Nov. 1994) p. 399 illus.

825 Royal Mint Strike "Mule" Gold Proof Crown. *NCirc* 102 no. 6 (July 1994) p. 263 illus.

826 SENIOR, M.P. The comparative rarity of the gold coinage of Henry the Seventh. *NCirc* 100 no. 8 (Oct. 1992) p. 265.

827 SENIOR, M.P. The comparative rarity of the gold coinage of Henry the Eighth. *NCirc* 100 no. 8 (Oct. 1992) pp. 265-66.

828 SMITH, R. and C.P. BARCLAY. A Jacobean hoard from Deighton, North Yorkshire. *NCirc* 100 no. 7 (Sept. 1992) pp. 228-29.

829 STEWARTBY, LORD. English Short-Cross coins from the Eccles hoard. *NC* 153 (1993) pp. 137-51.

The author compares information about the Eccles hoard published in 1865 with the contents of a notebook in the Ashmolean Museum, Oxford, and concludes that the notebook contains a record made by John Evans of the bulk of the hoard. Totals for each moneyer are tabulated according to the five Evans classes. (Author)

830 STEWARTBY, LORD. The 'Naxos' hoard of thirteenth-century sterlings. *NC* 154 (1994) pp. 147-66 illus.

The largest group of sterlings from the Aegean area is said to have been found on the island of Naxos ca. 1968. 1420 coins reached London in 1969-71, consisting mainly of English short and long cross sterlings from 1180 to ca. 1258, with a few Scottish, Irish, French, German and Venetian coins of the same period. In containing 274 examples of the last short cross class (VIII), the hoard has multiplied the number of known specimens of this previously rare issue. (Author)

831 STEWARTBY, LORD. Three Durham notes. *BNJ* 63 (1994) pp. 128-29 illus.

1. Known varieties of Scottish coins of David I and William I by the moneyer Folbold (Folpalt, etc.) are listed, and it is suggested that he may have been the same man as the Fobund who coined at Durham for Stephen. 2. A Durham penny of Henry II's first coinage by Cristien is holed in a very similar way to a die-duplicate, suggesting that they may have been pierced on the same occasion. 3. A Durham cut halfpenny of Short Cross class VII supplies the sixth and hitherto missing die combination from the two obverse and three reverse dies of this class recorded of Pieres. (Author)

832 STEWARTBY, LORD. Alwerd. *NCirc* 100 no. 7 (Sept. 1992) pp. 224-5.

The author discusses coins by Anglo-Saxon moneyer(s) of this name.

(Edward Besly)

833 STEWARTBY, LORD and MARTIN ALLEN. Iohan: a Short Cross class IV moneyer of Norwich. *NCirc* 100 no. 10 (Dec. 1992) pp. 343-44 illus.

834 STEWARTBY, LORD. Brother, a Bedford Moneyer of Edgar. *NCirc* 102 no. 8 (Oct. 1994) p. 357 illus.

835 SUGDEN, K. An Edward the Martyr die duplicate. *NCirc* 101 no. 2 (March 1993) p. 43 illus.

836 SYMONS, DAVID. A case of slander in Fifteenth century Ireland. *NCirc* 100 no. 1 (Feb. 1992) pp. 10-11.

The author discusses counterfeiting in 15th-century Drogheda. (Edward Besly)

837 SYMONS, DAVID. A Long Cross parcel from Liège. *NCirc* 101 no. 1 (Feb. 1993) p. 5 illus.

838 WOODHEAD, P. A New Variant of the Richard II Denier of Aquitaine. *NCirc* 102 no. 6 (July 1994) p. 262 illus.

839 WOODHEAD, P. Heads or Heads! *NCirc* 102 no. 10 (Dec. 1994) p. 442 illus.

A penny with obverse and reverse struck from two different Edward III Treaty period obverse dies is discussed. (Stephen Doolan)

For additional references to the numismatics of Great Britain and Ireland, including Celtic numismatics, see the following abstracts:

Greek, Nos. 115, 116, 129, 149, 150, 151, 154, 155, 184, 185, 186, 194, 199, 200, 207, 238, 239, 262, 263, 283, 284, 285, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305

Roman, Nos. 402, 517

Near and Middle East, Nos. 563, 568

Western and Central Europe, No. 942

Mexico, Central and South America, Nos. 1158, 1159.

WESTERN AND CENTRAL EUROPE

840 AERTS, E. Metal loss in the monetary circulation of the Southern Low Countries (fifteenth-eighteenth centuries): sources and methods. E. Aerts, ed., *Studia Historica Oeconomica. Liber Amicorum Herman Van der Wee* (Leuven 1993) pp. 41-58.

841 AERTS, E. De economische geschiedenis van het geld tijdens het Ancien Régime. Kennismaking met een discipline [The economic history of money during the Ancien Régime. Introduction]. *RBN* 140 (1994) pp. 43-69.

842 ALRAM, M. Die mittelalterlichen Münzenschatzfunde in Österreich: 986-1990. T. Hackens *et al.*(eds.), *Proceedings of the XIth International Numismatic Congress* vol. 3 (Louvain-la-Neuve 1993) pp. 113-16.

843 ALTHOFF, RALF. Zeitgenössische Fälschungen Dortmunder VI-Pfennige. *GN* 29 (1994) pp. 101-102.

844 ARNOLD, PAUL, PETER HANNIG, and RAINER GRUND. Das sächsische Münzwesen. *Georgius Agricola, Bergwelten 1494-1994* (Essen 1994) pp. 306-15.

The authors discuss the coinage of Saxony in the first half of the sixteenth century.
(Paul Arnold)

845 ARNOLD, PAUL. Münzkabinett 1991. *Jahrbuch der Staatlichen Kunstsammlungen Dresden* 22 (1991) pp. 145-55.

The author describes two coin finds, including one of 907 coins from Görlitz from the time of the Seven Years' War (1753/63). *(Paul Arnold)*

846 ARNOLD, PAUL. Das sächsische Münzwesen in der ersten Hälfte des 16. Jahrhunderts—die Wechselbeziehungen zwischen Bergbau und Münzpolitik in Sachsen. *Georgius Agricola—500 Jahre* (Basel, Boston, Berlin, Birkhäuser Verlag 1994) pp. 416-22.

847 ARNOLD, PAUL. Die Münzstätte in St. Annaberg. *Lazarus Ercker—sein Leben und seine Zeit* (Schneeberg 1994) pp. 65-76.

This article discusses the important Saxon mint city in the 16th century, its mint-master and the coins produced. *(Author)*

848 ARNOLD, PAUL. Die schlesischen Quartenses in der Sammlung des Dresdner Münzkabinetts. *Wiadomosci Numizmatyczne* (Warsaw) 27 nos. 3-4 (1993) pp. 173-82.

849 ARNOLD, THOMAS. Die Fundmünzen aus dem Südturm der Geithainer Nikolaikirche. *Vom Turm geschaut, Streifzüge durch die Geithainer Region und ihre Geschichte* 2 (1994) pp. 9-14.

The author discusses finds from the 15th through the 19th century. *(Paul Arnold)*

850 AUST, HORST. 24 Kreuzer oder ¼ Taler? *GN* 30 (1995) pp. 4-11 illus.

The author considers the 24-Kreuzers and pieces of same size without denomination of Silesia issued 1621-22 and concludes that the latter are quarter talers issued for trade with Brandenburg, Poland and Hungary. *(Peter Ilisch)*

851 BAERTEN, JEAN. L'unification monétaire bourguignonne dans les Pays-Bas. Origines-Réalisations-Faiblesses. *CENB* 30 no. 3 (1993) pp. 51-63.

852 BAERTEN, JEAN. Un début séculaire: l'application en matière monétaire du *Sachsenspiegel* et de la *Confoederatio* (1220) dans l'Empire. T. Hackens et al.(eds.), *Proceedings of the XIth International Numismatic Congress* vol. 3 (Louvain-la-Neuve 1993) pp. 87-94.

853 BALAGUER, A. Método de análisis de la evidencia y de los hallazgos numismáticos. El camino de Santiago. *GacNum* 115 (1994) pp. 19-36.

854 BALAGUER, A. La moneda y su historia en el reinado de los Reyes Católicos. *Numisma* 233 (1993) pp. 93-154.

855 BALAGUER, A. Moneda condal catalana. *VIII Congreso Nacional de Numismática, Aviles 1992* (Madrid 1994) pp. 35-64.

856 BALAGUER, A. Le monnayage carolingien en Catalogne. *CENB* 31 no. 4 (1994) pp. 81-91 illus.

857 BALBI DI CARO, SILVANA. *Moneta e popoli in Italia nell'età di mezzo. La moneta a Roma e in Italia II.* Milan, Amilcare Pizzi editore 1993. 240 pp. illus.

The second volume of this series, dedicated to the history of coinage in the West, looks at the development of gold and silver coinage between the 5th and 13th centuries. The examination is based on the coin collection of Victor Emanuel III, now in the coin cabinet of the Museo Nazionale Romano. (A. Carignani)

858 BALBI DI CARO, SILVANA. *Principi e monete nell'Italia moderna. La moneta a Roma e in Italia III.* Milan, Amilcare Pizzi editore 1993. 240 pp. illus.

The various phases in the development of coinage in Italy from the Renaissance to the Kingdom of Italy are reviewed based on the numismatic collection of the Museo Nazionale Romano. (A. Carignani)

859 BALCIUS, MIKAS and EUGENIJUS IVANAUSKAS. Danish coins in Lithuania from the 15th to the 18th century. *NNÅ* 1989-90 pp. 140-46 illus.

The authors show that contacts between Lithuania and Denmark were rare in the 15th and 16th centuries. The situation changed in the 17th century and the use of Danish coins increased. (Ulla Westermarck)

860 BALDUS, HANS ROLAND. Zweitausgaben bayerischer Geschichtstaler: ihr numismatischer Nachweis. *JNG* 42/43 (1992/93) pp. 239-44 illus.

The author demonstrates that restrikes of Bavarian 19th-century commemorative talers are identifiable by a small die defect in the portrait of king Ludwig I. (Peter Ilisch)

861 BATESON, J.D. A seventeenth-century Schautaler from Ayrshire. *Glasgow Archaeological Journal* 16 (1989-90) pp. 87-88 illus.

A 1½-Taler piece of Rudolf August of Brunswick-Wolfenbüttel, dated 1683, is published and discussed. (Edward Besly)

862 BECKENBAUER, EGON. Bayerische Halbbatzen von 1637? *NNb* 43 (1994) p. 140 illus.

863 BEECKMANS, LUC. Een 18de-eeuwse muntschat uit Onkerzele (Geraardsbergen). *Handelingen Zottegems genootschap voor geschiedenis en oudheidkunde* 6 (1993) pp. 225-34.

864 BEECKMANS, LUC. De muntproductie vanaf de Oostenrijkse Habsburgers tot heden en de regionale depotvondsten. M. Rogge and L. Beeckmans, eds., *Geld uit de grond. Tweeduizend jaar muntgeschiedenis in Zuid-Oost-Vlaanderen* (Zottegem 1994) pp. 173-91 illus.

The author discusses coin circulation in the southeastern part of the province of East-Flanders (Belgium) from 1714 to 1930. The text contains a short discussion of several previously unpublished coin hoards from this period (one containing banknotes). (Johan van Heesch)

865 BEHR, GERD. Die erste Talerprägung der Stadt Erfurt. *Jahrbuch der Gesellschaft für Thüringer Münz- und Medaillenkunde* 6 (1994) pp. 45-54.

866 BELLIZIA, LUCIO. *La monete della zecca di Salerno*. Salerno, Libreria Ar 1992.

The author classifies and catalogues issues of the mint of Salerno, active between 839-49 and 1198. (A. Carignani)

867 BENDIXEN, KIRSTEN. The coins from the oldest Ribe (Excavations 1985 and 86, "Ribe II"). *NNÅ* 1989-90 pp. 27-43 illus.

Thirty-four sceattas found in the excavations are published. Thirty-one are of the Wodan/Monster type, one of the Maastrich type, one of the porcupine type, and one uncertain. The numismatic dating of the coins to the first half of the 8th century is supported by archaeological datings of the site and by dendrochronology.

(Ulla Westermarck)

868 BERGA, TATJANA. Ein Fund westeuropäischer Münzen aus den Siebziger Jahren des 11. Jahrhunderts im Burgberg Aizkraukie. *HBN* 36/38 (1982/84, publ. 1993) pp. 35-46 illus.

The author publishes a hoard of 190 coins buried in Latvia after 1068 and containing 183 German coins (mostly from the Low Countries and Frisia), one halved Anglo-Saxon specimen, three Danish, and three Scandinavian pieces. *(Peter Ilisch)*

869 BERGHAUS, PETER. Münzfibeln. *Egon Wamers. Die frühmittelalterlichen Lesefunde aus der Löhrrstraße (Baustelle Hilton II) in Mainz* (Mainz, Amt Mainz der Abteilung Archäologische Denkmalpflege im Landesamt für Denkmalpflege Rheinland-Pfalz 1994) pp. 106-15 illus.

Six fibulae of coin types found in Mainz and reflecting late Roman prototypes are compared to other finds of coin fibulae from Central Europe up to Carolingian times. *(Peter Ilisch)*

870 BEYRICH, HARRY. Adam Ries (1492-1559), Rechenmeister und Bergbeamter. *Erzgebirgische Heimatblätter* 3 (1992) pp. 8-13.

871 BLACKBURN, MARK. Mint Attributions of the "petits deniers à la croix brabançonne." T. Hackens *et al.*(eds.), *Proceedings of the XIth International Numismatic Congress* vol. 3 (Louvain-la-Neuve 1993) pp. 105-12.

872 BOYNE, W. *A descriptive catalogue of Italian coins after the fall of the Roman Empire to the present time. In the collection of William Boyne.* Nice 1877, in the Thomas Fisher Rare Book Library, University of Toronto. Catalogue of MS Coll William Boyne no 11.

This is an unpublished manuscript held at the University of Toronto.

(Mark E. Tooth)

873 BÚZA, JANOS. "Ungerlein" 1678, Die Verbannung des ungarischen Denars aus dem Geldumlauf der Reichsstadt Nürnberg. *Nürnberger Mitteilungen* (Verein für Geschichte der Stadt Nürnberg) 79 (1992) pp. 151-68.

874 BUZA, JANOS. Die Rolle der Dreipölker im Geldumlauf Ungarns im XVII. Jahrhundert (Die Rehabilitation eines polnischen Wechselgeldes). T. Hackens *et al.*(eds.), *Proceedings of the XIth International Numismatic Congress* vol. 4 (Louvain-la-Neuve 1993) pp. 61-66.

875 CABANES, M. and A. BALDAQUI. Uso de la moneda como matriz sigilar en el siglo XV valenciano. *IX Congreso Nacional de Numismática, Elx 1994* (Elx 1994) pp. 349-52.

876 CALLATAÿ, FRANÇOIS DE. Le "trésor du Grand Escalier": dépôt votif ou témoin d'une grande invasion? *CENB* 30 no. 2 (1993) pp. 38-45.

877 CALLATAÿ, FRANÇOIS DE. Les écus de Louis XV et de Louis XVI à la lumière du trésor de Châtelet (Belgique). *RN* 6th ser./36 (1994) pp. 271-307 illus.

The Brussels Coin Cabinet has recently acquired part of a hoard made up of French royal coins discovered at Châtelet (near Charleroi, Belgium). Of the 402 coins examined, 393 are écus of Louis XV and Louis XVI (1726-1791). In addition to the 4 unpublished varieties, this study sheds a new light on the entire production of heavy silver coins. The contents of the Châtelet hoard is compared with other hoards of this kind which have been discovered on Belgian territory, as well as with works dealing with the volumes of these issues. Comments are made on the metrology, rarely considered to date, and other peculiarities such as cuttings and traces of adjustment.

(Author)

878 CALLATAÿ, FRANÇOIS DE and RAF VAN LAERE. *Een 18de-eeuwse muntschat uit Lummen*. Tongeren 1994. 33 pp. illus. ISBN 90-6685-143-0

An important hoard of 337 coins of the 17th century was discovered in 1989 in Lummen (Belgian Limburg). All these coins were struck in a very short period (1749-54) and at two different mints (Bruges and Antwerp), thus allowing close examination of the weights. Different approaches are combined to exploit the evidence. These coins—namely ducats, half-ducatons and quarter-ducatons—were all produced under the Austrian government of Maria-Theresia. This hoard is linked with a monetary reform undertaken in 1749. It has been acquired by the Coin Cabinet of Tongeren.

(Authors)

879 CASPAR, HELMUT. Aus Londoner Fälscherwerkstätten per Schiff nach Berlin. Preußische Groschen made in England sorgten um 1800 für Aufregung. *GN* 29 no. 164 (1994) pp. 297-98.

880 CASTILLO CACERES, F. Aproximación a las monedas del príncipe Alfonso de Castilla, 1465-1468. *VIII Congreso Nacional de Numismática, Aviles 1992* (Madrid 1994) pp. 259-371.

881 CHARLET, C. Le différent de la monnaie d'Arras sous les règnes de Louis XIII et de Louis XIV. T. Hackens *et al.* (eds.), *Proceedings of the XIth International Numismatic Congress* vol. 4 (Louvain-la-Neuve 1993) pp. 23-28.

882 CHARLET, C. La pièce de quatre sols appelée... "Louis d'argent de Flandre" et surnommée... "Carambole." *JEListeFPL* 163 (1994) pp. 3-8.

883 CHOWN, JOHN. Two unpublished Scandinavian coins? *NCirc* 100 no. 1 (Feb. 1992) p. 4 illus.

The author publishes two pennies of Sven Estridsen.

(Edward Besly)

884 CLUA I MERCADAL, M. Estudio de los materiales numismáticos del yacimiento de la iglesia de Sant Vicenc de Malla (Osona, Barcelona). *VIII Congreso Nacional de Numismática, Aviles 1992* (Madrid 1994) pp. 293-317.

885 CLUA I MERCADAL, M. Aproximación a la circulación monetaria en el Alt Penedès durante los siglos XVII y XVIII. *IX Congreso Nacional de Numismática, Elx 1994* (Elx 1994) pp. 215-28.

886 COLAERT, MAURICE. Les nouvelles monnaies à l'effigie de S.M. le Roi Albert II. *RBN* 140 (1994) pp. 99-103.

The author discusses the new Belgian coins of King Albert II and the projects presented by different artists.

(Johan van Heesch)

887 COLLINET, P. Les fausses monnaies de zinc de 25 et 50 centimes. *Vie num* 43 no. 2 (1993) pp. 64-65.

A description of counterfeit Belgian coins in zinc, struck during World War I, is given.

(Johan van Heesch)

888 COLLINET, P. Les faux pour servir (suite). *Vie num* 44 no. 3 (1994) pp. 96-99 illus.

A description of counterfeit coins of the Belgian kings Albert I and Leopold III is given.

(Johan van Heesch)

889 CRUSAFONT I SABATER, M. *El sistema monetario visigodo*. Col Vives y Escudero 3. Madrid, Asociación Numismática Español 1994. 168 pp.

890 CRUSAFONT I SABATER, M. Acuñaciones transpirenaicas de Navarra, Catalunya y Aragón. *VIII Congreso Nacional de Numismática, Aviles 1992* (Madrid 1994) pp. 65-89.

891 CRUSAFONT I SABATER, M. La circulación monetaria en el Aragón Medieval a partir de las menciones documentales. *GacNum* 114 (1994) pp. 37-62.

892 CRUSAFONT I SABATER, M. El vellón valenciano de Felipe II. *GacNum* 115 (1995) pp. 31-38.

893 CRUSAFONT I SABATER, M. and A. BALAGUER. Las emisiones episcopales de Vic de Ramon d'Anglesola (1264-1298). *IX Congreso Nacional de Numismática, Elx 1994* (Elx 1994) pp. 321-24.

894 CUNZ, REINER. Münzprägung und Bergbau im Harz. *Schätze des Harzes, Archäologische Untersuchungen zum Bergbau- und Hüttenwesen des 3. bis 13. Jahrhunderts n.Chr.* (Exhibition catalogue of Niedersächsisches Landesmuseum, Hannover 1994) pp. 30 - 32.

895 DANNENBERG, HANS-DIETER. Brandenburgische Denare im Münzfund von Aschersleben. *NNb* 43 (1994) No. 5 pp. 136-38 illus.

The author discusses the datings of several issues of pfennigs of Brandenburg from the first half of the 14th century. *(Peter Ilisch)*

896 DANNENBERG, HANS-DIETER. Fundgruppen mittelalterlicher Pfennige der Mark Brandenburg. *GN* 29 (1994) no. 161 pp. 120-23 illus.

A preliminary report is given about the problems of attributing the 13th and 14th century coins of Brandenburg. The most important hoards are put in groups and correlated to types. *(Peter Ilisch)*

897 DANNENBERG, HANS-DIETER. Von schweren und leichten Denaren der Mark Brandenburg im 14. Jahrhundert. *GN* 30 (1995) pp. 71-74 illus.

The author discusses the weight distribution of 14th century Brandenburg pfennigs with emphasis on specimens of more than 1.3 gm. (pied-fort?) and mintmaster contracts with weight standards differing within one year. *(Peter Ilisch)*

898 DARNIS, J.-M. L'union monétaire latine (1865-1925). Leçon pour l'Europe du temps présent. T. Hackens *et al.* (eds.), *Proceedings of the XIth International Numismatic Congress* vol. 4 (Louvain-la-Neuve 1993) pp. 99-105.

899 DELIRE, D. Signification et interprétation de la lettre O dans les monnaies carolingiennes et capétiennes. *Vie num* 44 no. 7 (1994) pp. 188-90.

900 DE MEY, J.R. De eerste munten van Vlaanderen [The first coins of Flanders]. *JEGMP* 1993 pp. 55-70.

The author studies the Carolingian denarii struck in Flanders during the reigns of count Baldwin I, Baldwin II, and Arnold I. (Johan van Heesch)

901 DE MEY, J.R. Restitution d'une émission monétaire à Namur (15th century). *Vie num* 44 no. 3 (1994) pp. 76-82 illus.

902 DENAYER, ALBERT. Gronsveld-Dute à la légende inédite. *Vie num* 43 no. 5 (1993) pp. 155-56.

903 DENAYER, ALBERT. Variétés inédites de Reckheim. *Vie num* 43 no. 9 (1993) pp. 307-8 illus.

Four unknown copper coins minted at Reckheim (Belgium) for Ferdinand d'Aspremont-Lynden, François Gobert, and Ferdinand Gobert are published. (Johan van Heesch)

904 DENAYER, ALBERT. A propos d'une observation de la pièce belge de 20 francs argent du roi Léopold III. *Vie num* 43 no. 7 (1993) pp. 240-42.

905 DENAYER, ALBERT. Gronsveld. Liard à la légende variée et rectification au catalogue Lucas. *Vie num* 44 no. 4 (1994) pp. 120-22 illus.

906 DENAYER, ALBERT. Les esterlins à tête du comté de Namur. *Vie num* 44 no. 9 (1994) pp. 255-63 illus.

907 DENGIS, JEAN-LUC. Un curieux lingot. *Vie num* 43 no. 6 (1993) pp. 201-2 illus.

The author publishes a fragment of a very rough silver ingot without any marks or images, found at Stavelot (Belgium). (Johan van Heesch)

908 DENGIS, JEAN-LUC. Le trésor de la Gleize. *RBN* 139 (1993) pp. 332-40.

The author publishes a part of a hoard found in 1950 in La Gleize (Luxemburg, Belgium). A description of the 279 remaining silver coins, mainly of Albert and Isabella (1598-1621) and Philip IV (1621-1665), is given. The most recent coins of the hoard are of Philip V (1700-1712). (Johan van Heesch)

909 DENGIS, JEAN-LUC. Le trésor de Grand-Halleux V. *RBN* 140 (1994) pp. 119-27.

This coin hoard contained 111 gold and silver coins from the first half of the 18th century. The coins were kept in two leather purses containing coins from the Spanish Netherlands (1), Germany (4), France (106), and one medalet. (Johan van Heesch)

910 DENGIS, JEAN-LUC. Liards de Maximilien Henri de Bavière prince-évêque de Liège (1650-1688). *Vie num* 44 no. 7 (1994) pp. 183-87.

911 DENGIS, JEAN-LUC. Obole inédite de Otton III roi (983-1002) pour Huy. *Vie num* 44 no. 10 (1994) pp. 291-92 illus.

912 Département des Finances et de l'Économie. Trésorerie générale des Finances. Musée monétaire, L'Hôtel des Monnaies de Monaco sous le règne du Prince Honoré V (1819-1841). T. Hackens *et al.*(eds.), *Proceedings of the XIth International Numismatic Congress* vol. 4 (Louvain-la-Neuve 1993) pp.91-98.

913 DETHLEFS, GERD. Mark—Schillinge—Groten—Taler. Das Rechnen mit Geld in Nordwestdeutschland von den Anfängen bis zur Einführung der Markwährung 1873/75. *Damit mußten sie rechnen...auch auf dem Lande. Aus Alltagsgeschichte des Rechnens mit Münze, Maß und Gewicht.* (Cloppenburg, Museumsdorf Cloppenburg, Niedersächsisches Frelichtmuseum 1994) pp. 97-156 illus. ISBN 3-923675-49-6.

914 DOMENECH BELDA, C. Circulación monetaria de época emiral en el País Valenciano: el problema de las primeras emisiones de cobre. *IX Congreso Nacional de Numismática, Elx 1994* (Elx 1994) pp. 281-302.

915 DOUTRIAUX, J. Survie des 156 coins monétaires. Cas exceptionnel des coins d'Arras. T. Hackens *et al.*(eds.), *Proceedings of the XIth International Numismatic Congress* vol. 4 (Louvain-la-Neuve 1993) pp. 29-38.

916 DRUART, JACQUES. La siède la Rochelle (1628-29). *Vie num* 43 no. 8 (1993) pp. 262-65.

917 DUMOULIN, BRUNO. Le faux-monnayage dans la principauté de Liège au temps de la régence 1715-1726. *Bulletin de l'Institut Archéologique Liègeois* 104 (1992) pp. 335-42.

918 ECHEVARRIA OLAIZ, A.I. and M. CLUA I MERCADAL. Las monedas medievales de Gipuzkoa halladas en yacimientos arqueológicos. *IX Congreso Nacional de Numismática, Elx 1994* (Elx 1994) pp. 315-20.

919 EGGERS, EDWIN. Die Pfennige des Deutschen Ordens in Preußen. *Schriftenreihe der Münzfreunde Minden no.15*. Minden, Münzfreunde Minden c/o K. Marowsky, Bäckerstr.24, 1991. 71 pp. illus.

The author describes the various pfennig issues of the Teutonic Order. Metal analysis for twelve issues are added as is an article by Stanislaw Suchodolski about the circulation of the coins of the order during the bracteate period (pp.54-60).

(Peter Ilisch)

920 ELSSEN, JEAN. L'Atelier de Rolduc [Kerkrade, the Netherlands] à la fin du 13e siècle. *JEListeFPL 160* (1994) pp. 3-15 illus.

921 EMMERIG, HUBERT. WELFVS DVX, Pfennige Herzog Welf II (1101-1120) aus Regensburg. *JNG 42/43* (1992/93) pp. 147-54 illus.

The discovery of two specimens of a type hitherto known only from the Fulda hoard makes it possible to identify it as a coin of Regensburg struck by duke Welf II of Bavaria.

(Peter Ilisch)

922 EMMERIG, HUBERT. Ein Donaustauer Münzschatz aus dem Dreißigjährigen Krieg. Hermann Hage, ed., *Donaustauf, Moderne Marktgemeinde mit großer Vergangenheit* (Donaustauf 1994) pp. 188-90 illus.

A hoard of 36 coins buried after 1632 and consisting of two talers of St. Gall and Nürnberg and 2-kreuzers from southern Germany is described.

(Peter Ilisch)

923 EMMERIG, HUBERT. Fundmünzen. *Geschichte aus Gruben und Scherben. Archäologische Ausgrabungen auf dem Domberg in Bamberg* (Bamberg, Historisches Museum Bamberg und Lehrstuhl für Archäologie des Mittelalters und der Neuzeit, Universität Bamberg 1993) pp. 133-36, 178-82 illus.

Twenty-eight coins were found in excavations in Bamberg. The oldest coins (12th and 13th centuries) are from Cologne and Lindau whereas later ones are more local.

(Peter Ilisch)

924 FALCO FUERTES, V. and J.M. GARCIA FUERTES. La numismática en "El Castellás," Xilves-la Plana Baixa (Castellón). *VIII Congreso Nacional de Numismática, Aviles 1992* (Madrid 1994) pp. 257-66.

925 FAZEKAS, GÁBOR. Kiegészítés a "Mária Terézia tallér 1780" című könyvhöz [Complementary notes to the book "Maria Theresa Thaler 1780"]. *AzÉrem* 1995/1 pp. 1-4. English summary.

In 1939 116,050 Maria Theresa thalers were minted in Utrecht with a view to ship them to Aden, but the outbreak of the Second World War ruined this plan. Subsequently, all were melted except 60 pieces. The author give hints as to the differences between these and the coins minted at Vienna. (Author)

926 FERIA, R.J. Moneda conmemorativa española. *IX Congreso Nacional de Numismática, Elx 1994* (Elx 1994) pp. 27-34.

927 FERNANDEZ BENDITO, V. El peso fuerte español como elemento clave del sistema monetario y del comercio exterior Magrebí, durante la época de los primeros borbones. *IX Congreso Nacional de Numismática, Elx 1994* (Elx 1994) pp. 381-86.

928 FERSE, ARMIN. Merkmale von Kunststilen auf meißnisch-sächsischen Kursmünzen. *NNb43* (1994) No. 3 pp. 64-81 illus.

929 FOSSION, ALAIN. Archéologie de l'Hospice Saint-Gilles: les monnaies (1296-1705). M.H. Corbiau and J. Plumier, eds., *Première journée d'archéologie namuroise. Actes* (Namur 1993) pp. 77-80.

930 FOSSION, ALAIN. Le coq et la monnaie. *Le coq du moyen-âge à nos jours* (Namur, Publication extraordinaire de la société archéologique de Namur 1993) pp. 43-46 illus.

931 FRERE, HUBERT. Les marques des ateliers monétaires de la principauté de Liège (I-III). *Vie num* 43 (1993) no. 6 pp. 183-88, no. 7 pp. 225-30, no. 8 pp. 255-61 illus.

932 FRERE, HUBERT. Un denier de Charlemagne trouvé à Liège [Belgium]. *RBN* 140 (1994) pp. 115-19.

933 FRERE, HUBERT. Après Notger ou la monnaie de l'église de Liège au temps des Saliens. *Le Temps des Saliens en Lotharingie (1024-1125). Colloque de Malmédy 12-14 septembre 1991* pp. 125-35 illus.

934 GEDAI, I. The Effect of the Byzantine Gold Coins on the Hungarian Coinage. T. Hackens *et al.*(eds.), *Proceedings of the XIth International Numismatic Congress* vol. 3 (Louvain-la-Neuve 1993) pp. 191-94.

935 GEEBELEN, JACQUES and RAF VAN LAERE. Munten gevonden in de commanderij van Gruitrode [Belgium]. *Limburg* 73 no. 21 (1994) pp. 83-99.

936 GELDER, R. VAN. Noordnederlandse verzamelingen in de zeventiende eeuw. E. Bergvelt, ed., *Verzamelen: van rariteitenkabinet tot kunstmuseum* (Heerlen 1993) pp. 123-44.

The author presents a general survey of collecting and collectors in the seventeenth century and discusses the history of numismatics in the Netherlands.

(Arent Pol)

937 GELICHI, SAURO. Le monete. *Castel Bolognese. Archeologia di un centro di nuova fondazione* (Florence 1990) pp. 59-62 illus.

From this excavation come several coins from the 14th and 15th centuries, struck at the mints of Ferrara, Bologna, and Rimini. Also found was a devotional medal with the Madonna of Loreto on the obverse.

(A. Carignani)

938 GERCHOW, JAN, ed. *Für bare Münze. Zur Geldgeschichte des Stifts Essen und der Abtei Werden*. Essen, Ruhrlandmuseum 1994. 44pp. illus.

This exhibition catalogue is devoted to coinage of the abbey of Werden and the chapter of Essen, the monetary circulation and economic use of money in Essen, and the production of dies and mint tools by Krupp during the 19th century. It contains articles by Jan Gerchow, Heinz J. Kramer, Peter Ilisch and Ralf Althoff.

(Peter Ilisch)

939 GIARD, JEAN-BAPTISTE. L'édition numismatique au XVII^e siècle. *NumAntClas* 23 (1994) pp. 385-96 illus.

The author reviews the principal publications and numismatic collections of the 17th century and notes the preeminence of Antwerp or Amsterdam rather than Paris, Rome, or Milan as the publication locale.

(A. Carignani)

940 GRAAF, C. DE. Twee 16c-eeuwse valsemunters in Leiden. *Beeldenaar* 16 (1992) pp. 248-51.

Two 16th-century counterfeiters in the city of Leiden are caught, condemned, and executed.

(Arent Pol)

941 GRINDER-HANSEN, K. Coin Hoards as an Historical Source Material. Methodological Thoughts on the Basis of the Danish Hoards from the Middle Ages. T. Hackens *et al.*(eds.), *Proceedings of the XIth International Numismatic Congress* vol. 3 (Louvain-la-Neuve 1993) pp. 81-86.

942 GULLBEKK, SVEIN H. Hvordan kom angelsaksisk mynt til Skandinavia [How did Anglo-Saxon coins come to Scandinavia]? *NNUM* 1 (1995) pp. 2-5. In Norwegian.

The author demonstrates that Anglo-Saxon coins were imported directly from England to various regions in Northern Europe, in this case to Norway, western Denmark, eastern Denmark, and Gotland. In the hoards the proportions of coins struck at different mints in England vary between the regions mentioned above.

(Ulla Estermark)

943 GUTBROD, WERNER. Das Pfälzer Wappen. Der Löwe nach links, aber auch nach rechts. *NNb* 44 (1995) pp.27-33, illus.

944 HAECK, AIME. Enkele (ongepubliceerde) vondsten van middeleeuwse munten in België [Some unpublished medieval coins found in Belgium]. *RBN* 140 (1994) pp. 105-15.

945 HAECK, AIME. Het muntwezen in het graafschap Vlaanderen tijdens de middeleeuwen en de muntvondsten in Zuid-Oost-Vlaanderen. M. Rogge and L. Beeckmans, eds., *Geld uit de grond. Tweeduizend jaar muntgeschiedenis in Zuid-Oost-Vlaanderen* (Zottegem 1994) pp. 125-41, 193-201.

This paper contains a general survey of the coin circulation in the southeastern part of the province of East-Flanders (Belgium) during the Middle Ages.

(Johan van Heesch)

946 HAERTLE, P.C.M. De Karolingische muntenvondst van Zelzate [The Carolingian coin hoard of Zalzate]. A.M.J. de Kraker *et al.*, eds., "Over den Vier Ambachten" 750 jaar Keure 500 jaar Graaf Jansdijk (Kloosterzande 1993) pp. 679-84 illus. ISBN 90-72604-03-2.

This is a re-publication, with a detailed commentary, of the Carolingian coin hoard of Zelzate, published by P. Naster in *RBN* 96 (1950).

(Johan van Heesch)

947 HAHN, WOLFGANG. Das Münzwesen im Herzogtum Baiern vor 976. *Jahresberichte der Stiftung Aventinum*. G.-H. Sitzmann, No. 7

Abensberg (Aventinum, Stiftung für Altbayern) 1993. 28 pp. ISBN 3-88891-044-5.

The research on Bavarian coinage prior to 976 is summarized. A list of single finds from the duchy of Bavaria during the 9th and 10th centuries is added.

(Peter Ilisch)

948 HARLEY, A.S. A 'Batavian' countermarked piece of Eight. *NCirc* 101 no. 9 (Nov. 1993) p. 318 illus.

949 HASE, WOLFGANG. Zur regionalen Kulturgeschichte des Rechnens. *Damit mußten sie rechnen... auch auf dem Lande. Zur Alltagsgeschichte des Rechnens mit Münze, Maß und Gewicht* (Cloppenburg, Museumsdorf Cloppenburg, Niedersächsisches Frelischtmuseum 1994) pp. 9-96. ISBN 3-923675-49-6.

950 HATZ, GERT. Zur Münzprägung der Stader Grafen. *HBN* 36/38 (1982/84 [1993]) pp. 141-44 illus.

Two coins found as single-finds of a hitherto unknown type are attributed to count Udo II of Stade (1057-82).

(Peter Ilisch)

951 HERNANDEZ-CANUT, L. Novedades sobre el ordenamiento monetario de 1471 por Enrique IV. *IX Congreso Nacional de Numismática, Elx 1994* (Elx 1994) pp. 333-42.

952 HEUS, DIETER. Die hennebergische Münzprägung in der gefürsteten Grafschaft Henneberg zwischen 1480 und 1516. *Jahrbuch der Gesellschaft für Thüringer Münz- und Medaillenkunde* 6 (1994) pp. 5-35.

953 HUNKA, J. New Notions about the Hungarian Mintage Development of the 11th-14th Centuries related to the Territory of Slovakia. T. Hackens *et al.*(eds.), *Proceedings of the XIth International Numismatic Congress* vol. 3 (Louvain-la-Neuve 1993) pp. 195-98.

954 IBAÑEZ ARTICA, M. Contribución al conocimiento de la numismática navarro-aragonesa. Tipología de las acuñaciones de los siglos XI y XII. *VIII Congreso Nacional de Numismática, Aviles 1992* (Madrid 1994) pp. 401-24.

955 IBÁÑEZ ARTICA, M. Sanchetes "versus" torneses en la documentación medieval de los Reinos de Navarra y Francia. *GacNum* 115 (1994) pp. 37-50.

956 IBÁÑEZ ARTICA, M. and L. ALMOYAN GOMEZ. El Carlin romano; tipología y documentación. *IX Congreso Nacional de Numismática, Elx 1994* (Elx 1994) pp. 325-32.

957 IBRAHIM, T. Ponderales andalusies. *Numisma* 233 (1993) pp. 22-29.

958 ILISCH, PETER. Eine rätselhafte Barschaft aus Plettenberg. *Der Märker, Landeskundliche Zeitschrift für den Bereich der ehem. Grafschaft Mark und den Märkischen Kreis* (Lüdenscheid, Märkischer Kreis) 43 (1993) pp. 61-62 illus.

Thirty-one copper coins lost or deposited after 1868 found during excavations in a church surprisingly consist mainly of Belgian 2-centimes pieces, which obviously also circulated in the western provinces of Prussia. (Author)

959 ILISCH, PETER. Die Ein- und Zwei-Pfennig-Stücke 1706 des Paderborner Fürstbischofs Franz Arnold von Wolff-Metternich. *GN* 29 (1994) no. 162 pp. 174-76 illus.

Archival sources reveal that the 1- and 2-pfennig pieces of Paderborn dated 1706 were struck up to 1709 in Paderborn and in Münster, where more modern techniques were used. With the help of die analysis the products of the two mints can be separated. (Author)

960 ILISCH, PETER. Anmerkungen zu Nachahmungen der kölnisch-ottonischen Münztyps. *HBN* 36/37 (1982/84 [1993]) pp. 135-39 illus.

The imitation of Ottonian Cologne coin Hävernich 135 is attributed to northern Lower Saxony and dated to the years from ca. 1035 on. In addition, Hävernich 881, which was attributed by Hävernich to archbishop Sigwin and the mint of Soest is identified as a Slavonic imitation of German coinage. (Author)

961 ILISCH, PETER. Eine kleiner Barschaft aus Hooksiel, Kr. Friesland. *HBN* 36/37 (1982/84 [1993]) pp. 153-54 illus.

The author discusses a parcel of eleven pieces of the Frisian coin type Dbg. 1298 acquired in the Kreis Friesland and probably found there. (Author)

962 ILISCH, PETER. Werl als Münzstätte. A. Rohrer and H.J. Zacher, eds., *Werl, Geschichte einer westfälischen Stadt* vol. I, Studien und Quellen zur westfälischen Geschichte vol.31 (Paderborn/Werl 1994) pp. 497-504 illus. ISBN3-87088-844-X

963 ILISCH, PETER. Geld zur Zeit des Sachsenspiegels. *Der Sassen Speyghel Sachsenspiegel-Recht-Alltag* 2, Archäologische Mitteilungen aus Nordwestdeutschland 10 (Oldenburg, Isensee Verlag 1995) pp. 361-66 illus. ISBN 3-89598-241-5.

The author summarizes the late medieval monetary history of the northern half of the German Empire. (Author)

964 ILISCH, PETER. *Die mittelalterliche Münzprägung der Bischöfe von Münster*. Numismatische Schriften des Westfälischen Landesmuseums für Kunst und Kulturgeschichte Münster 3. Münster, Westfälisches Landesmuseum für Kunst und Kulturgeschichte 1994. 209 pp. illus. ISBN 3-88789-117-1.

This is a corpus of the medieval coinage of the bishopric of Münster struck between the end of the tenth century and 1574. An introduction discusses the (lost) privilege of the bishops, the mint, the mintmasters, the metrological development up to the end of the 14th century and the distribution of the medieval Münster coinage in hoards and finds. Archival sources relating to coin circulation within the bishopric also are considered. (Author)

965 IVANAUSKAS, EUGENIJUS and MIKAS BALCIUS. The circulation of coins from the southern Low Countries in Lithuania from the 17th to the 19th century. *RBN* 139 (1993) pp. 83-102.

966 IVANAUSKAS, EUGENIUS. Daniel Kosthe fra Minden og Litauen. *NNUM* 3 (1995) pp. 42-43 illus. In Danish.

The author presents a document now at Lwow, Ukraine, which describes Daniel Kosthe from Minden, a mint-master and leaseholder in Vilnius in 1596-97 and later at several other mints. (Ulla Westermark)

967 IVANAUSKAS, EUGENIJUS and MIKAS BALCIUS. Bemerkungen über den Prägeort einiger Polnischer Münzen von Johann Kasimir (Aufgrund der Münzschatzfunde in Litauen). T. Hackens *et al.*(eds.), *Proceedings of the XIth International Numismatic Congress* vol. 4 (Louvain-la-Neuve 1993) pp. 19-22.

968 JENSEN, J. STEEN and A. KROMANN. The Hoard of Lillegærde in Bornholm. T. Hackens *et al.*(eds.), *Proceedings of the XIth International Numismatic Congress* vol. 3 (Louvain-la-Neuve 1993) pp. 73-80.

969 KIERSNOWSKI, R. La numismatique et l'héraldique. T. Hackens *et al.*(eds.), *Proceedings of the XIth International Numismatic Congress* vol. 3 (Louvain-la-Neuve 1993) pp. 47-48.

970 KLEIN, ULRICH. Fundmünzen aus Württemberg. *Archäologische Ausgrabungen in Baden-Württemberg 1993* (Stuttgart, Konrad Theiss-Verlag 1994) pp. 328-38 illus. ISBN 3-8062-1118-3.

In 1993 the Stuttgart coin room worked with a hoard of 2,578 silver coins struck between 1623 and 1675, mainly small coins from south German mints (only 17 foreign pieces); a second hoard (or part of it) consisting of 11 pfennigs of Ulm struck around 1100 and discovered in the nineteenth century; 26 piccoli of Verona said to be part of a hoard of more than 200 coins whose find spot was unknown; a bottle with 19 coins from a foundation stone from 1854; and coin forgery tools from about 1931.

(Peter Ilisch)

971 KLEIN, ULRICH. Fundmünzen aus Württemberg. *Archäologische Ausgrabungen in Baden-Württemberg 1992*. Stuttgart, Konrad Theiss-Verlag 1993 pp.399-405. ISBN 3-8062-1070-5.

In 1992 various coin hoards and single finds were discovered in Württemberg. They include 16 coins and medals from a foundation stone from a Stuttgart hospital from 1820. Forty single finds were reported, ranging from the first to the nineteenth century. A holed Roman denarius came from an Alamannic grave of the 6th/7th century, and a mounted Lombard triens from a similar context.

(Peter Ilisch)

972 KLEIN, ULRICH. Die Münzen und Medaillen des Klosters Weingarten. Norbert Kruse and Hans Ulrich Rudolf, eds., *900 Jahre Heilig-Blut-Verehrung in Weingarten 1094-1994. Festschrift zum Heilig-Blut-Jubiläum am 12. März 1994* (Sigmaringen, Jan Thorbecke Verlag 1994) pp. 603-51 illus. ISBN 3-7995-0398-6.

The author surveys the bracteate coinage of the abbey of Weingarten from ca. 1235 to 1250. Based on iconographic reasons he combines it with earlier coins from ca. 1170/80 which were previously unattributed. The author also discusses medals cast in the 16th century or struck in 1781 depicting abbots and previously unpublished large brass tokens marked by various punches. The bulk of the article deals with religious medals issued for the Weingarten pilgrimage between the 17th and 20th centuries.

(Peter Ilisch)

973 KLEIN, ULRICH. Falschmünzer-Utensilien aus der Zeit der Weimarer Republik. *Württembergisches Landesmuseum Stuttgart, Tätigkeitsbericht 1993 für die Mitglieder der Gesellschaft zur Förderung des Württembergischen Landesmuseums e.V.* (Stuttgart 1994) p. 12 illus.

974 KLEIN, ULRICH. Der Münzschatz von Boxberg-Schweigern. *Württembergisches Landesmuseum Stuttgart, Tätigkeitsbericht 1993 für die Mitglieder der Gesellschaft zur Förderung des Württembergischen Landesmuseums e.V.* (Stuttgart 1994) pp. 50-51 illus.

975 KLOSE, DIETRICH O.A. Die Barschaft eines englischen Reisenden aus dem frühen 12. Jahrhundert von der Rachelburg bei Flintsbach, Landkreis Rosenheim. *JNG* 42/43 (1992/93) pp. 155-64 illus.

A parcel of three German and five English coins buried or lost shortly after 1117/19 in Bavaria is discussed and interpreted as the property of a traveller.

(Peter Ilisch)

976 KLUGE, BERND. Die schlesischen Quartenses ca. 1290 bis 1327 im Münzkabinett der Staatlichen Museen zu Berlin. *Wiadomosci Numizmatyczne* (Warsaw) 27 nos. 3-4 (1993) pp. 163-71.

977 KLÜSSENDORF, NIKLOT. "Gelt, so in Klingelsack gefalt." *Das ländliche Kirchenopfer der Frühneuzeit im Lichte des Opferstocks von Rohr/Thüringen*. Mitteldeutsche Forschungen 110, Cologne/Weimar/Vienna 1993, X. 120 pp. illus.

The old offertory trunk from 1601 in the Lutheran church of Rohr (Thuringia) contained a cumulative find of 143 small coins from the late 15th century to 1771. The publication of these coins is combined with an analysis of the local offering habits and a structural analysis of the circulation of small coins. The local ledgers reveal the sum of 4454 florins, equivalent to 1.1 million pennies, offered from 1601 to 1800. The average donation in the church is calculated at 1 penny per Sunday for a family. From a methodological point of view, the example of Rohr helps to evaluate church finds as a source of monetary and social history.

(Author)

978 KLÜSSENDORF, NIKLOT. Städtische Kontrollmaßnahmen im Münz- und Geldwesen: Gegenstempel. *Anzeiger des Germanischen Nationalmuseums Nürnberg* 1993 pp. 107-16 illus.

This is a general introduction to counterstamping in Germany (medieval and modern period) as a method of currency control exercised by the cities.

(Author)

979 KLÜSSENDORF, NIKLOT. Rohr um `780. Ortsgeschichte aus dem Turmknopf der Kirchenburg. Michael Gockel and Volker Wahl, eds., *Thüringische Forschungen. Festschrift Hans Eberhardt* (Weimar/Vienna 1993) pp. 229-53 illus.

The author publishes 12 coins (Hesse-Kassel, Erfurt, Reuss-Obergreiz, Saxony, Saxe-Coburg-Saalfeld, Saxe-Hildburghausen, Saxe-Meiningen, Saxe-Weimar-Eisenach) which were withdrawn from circulation and placed in the spire of the church fortification of Rohr, Thuringia, in 1780. The coins were accompanied by written documentation of the local situation at the time of the repair. A methodical approach to the combination of coins and written evidence in spire deposits is demonstrated against a backdrop of Thuringian history of the late 18th century.

(Author)

980 KLÜSSENDORF, NIKLOT. "Währungsunion" in historischer Sicht: Hessen und Sachsen als Partner im 15. Jahrhundert. *Alma Mater Philippina, Marburg* (Summer Semester 1993) pp. 29-32 illus.

The coin conventions between Hesse and Saxony in the 15th century is considered against the backdrop of the recent German monetary union and the prospects of a European monetary union. The Meissen groat was the basic coin of this union. The treaty period with a similar series of coins can be dated ca. 1444-70. The monetary union was exercised with particular attention to Thuringia, a region with adjacent Hessian and Saxon territories. In spite of a remaining Saxon influence on the Hessian monetary system, Hesse adopted Rhenish standards in the early 15th century.

(Author)

981 KLÜSSENDORF, NIKLOT. Das Akademische Münzkabinett der Universität Rostock und der Schatz von Remplin. *Mecklenburgische Jahrbücher* 109 (1993) pp. 175-94.

Due to newly found archival material, the disposal of the Remplin hoard (buried ca. 1410, see *NL* 126 #398) is traced against a backdrop of Rostock University history. Although presented to the University Coin Cabinet in 1844, the hoard was not published before its reconstruction in 1989. Between 1902 and 1939 large parts of the collection were exchanged with the Museum in Schwerin, where Mecklenburg coins were concentrated, since the Rostock Cabinet was restricted to ancient coins. The hoard was dispersed in the partial dissolution of the University Coin Cabinet.

(Author)

982 KLÜSSENDORF, NIKLOT and ROGER BALDUS. *Die Fundmünzen aus der Marktkirche zu Eschwege, Werra-Meißner-Kreis: Numismatische Ergebnisse der Ausgrabungen von 1991/92*. Archäologische Denkmäler in Hessen, ed. by Landesamt für Denkmalpflege Hessen, No. 113. Wiesbaden 1994. 12 pp. illus.

In 1991 and 1992 excavations in the floor of the late medieval church of St. Dionys in Eschwege (Hesse) led to an accumulation of 142 stray finds. The coins date from the 13th century to 1957. Only 16 coins are earlier than 1637, the year in which a great fire was set in Eschwege by Croat troops. Based on the archaeological context before and after the catastrophe, the majority of the church finds can be traced to the offerings of the 17th to 19th centuries. As usual in Protestant territories and supported by local ledgers, low denominations were prevalent for donations to the poor boxes.
(Authors)

983 KÖHEGYI, M. Numismatische Aufzeichnungen mit ungarischem Bezug in der Manuskriptensammlung der Belgischen Königlichen Bibliothek. T. Hackens *et al.*(eds.), *Proceedings of the XIth International Numismatic Congress* vol. 4 (Louvain-la-Neuve 1993) pp. 71-76.

984 KREJCÍK, T. Das Bild des böhmischen mittelalterlichen Staates im Spiegel der böhmischen und mährischen Münzen. T. Hackens *et al.*(eds.), *Proceedings of the XIth International Numismatic Congress* vol. 3 (Louvain-la-Neuve 1993) pp. 187-90.

985 KÜHN, WALTER. Die zeigenössische Fälschung eines Halberstädter Brakteaten um 1170. *NNb* 43 (1994) pp. 202-204 illus.

A Halberstadt bracteate of poor style, struck ca. 1170 (XRF-analysis of which indicated 72.3% silver in contrast to 94.2% found on a good style coin of the same type) is discussed and thought to be a contemporary forgery.
(Peter Ilisch)

986 KUNZEL, MICHAEL. Dänische und schleswig-holsteinsche Münzen in mecklenburgischen Fundes des 16. bis 18. Jahrhunderts. *NNÅ* 1989-90 pp. 148-64 illus.

On the basis of 60 coin hoards, the spread of coins from Denmark and Schleswig-Holstein is investigated by quantity and denomination.
(Ulla Westermarck)

987 KUNZMANN, RUEDI and FABIO LURASCHI. Die Münzprägung des Kantons Tessin: Bemerkungen zum Buch von Marco Della Casa. *SM* 44/174 (Sept. 1994) pp. 45-50.

988 *Lazarus Ercker—sein Leben und seine Zeit.* Schneeberg, Annaberg-Buchholz 1994. 132 pp. illus.

This work includes the lectures which dealt with Lazarus Ercker in many capacities. Originally from St. Annaberg in Saxony, he served as mint-master under Kaiser Rudolf II.
(Paul Arnold)

989 LEONARD, MARCEL. Théodor I^{er}, roi de Corse, 1736-1737. *Vie num* 43 no. 9 (1993) pp. 298-306 illus.

990 LIBERO MANGIERI, G. I follari salernitani a nome di Fulco de Basacers. T. Hackens *et al.*(eds.), *Proceedings of the XIth International Numismatic Congress* vol. 3 (Louvain-la-Neuve 1993) pp. 133-40.

991 LINK, EBERHARD. Der Münzschatzfund von Waldagesheim, Kr. Mainz-Bingen. *Mainzer Zeitschrift* (Verlag des Mainzer Altertumsvereins) 86 (1991) pp. 209-18.

The author publishes a hoard of 79 coins (some 2/3 talers, otherwise 15, 6, and 3 kreuzers) buried in or after 1689. (Peter Ilisch)

992 LLOBET I PORTELLA, J.M. La circulació monetària a la Begueria de Cervera segon la documentació comercial (1338-1497). *GacNum* 115 (1994) pp. 51-62.

993 LLORENS, M. DEL MAR, C. MATAMOROS, and P.P. RIPOLLÈS. *Hallazgo Numismático en la calle Libertad, seu de les Corts Valencianes*. Valencia 1994. 38 pp.

994 LUCAS, PAUL. L'atelier des Hayons. *Vie num* 44 no. 7 (1994) p. 191.

995 LUZZATTI, MICHELE and ALESSANDRA VERONESE. *Banche e banchieri a Volterra nel Medioevo e nel Rinascimento*. Pisa, Pacini Editore 1993. 223 pp. illus.

The authors review developments from the 12th through the 16th century; particular attention is paid to the role played by the Jewish community of Volterra. (A. Carignani)

996 MALMER, BRITA. Är Ribe danmarks äldsta myntort [Is Ribe the oldest mint in Denmark]? *NNUM* 1 (1993) pp. 12-13. In Swedish.

The author discusses the problems connected with the finds of Wodan-Monster sceattas at Ribe, Denmark, challenging Michael Metcalf's opinion that they were struck at Ribe and not in Frisia. (Ulla Westermarck)

997 MAY, JEFFREY. Deniers of Philippe de Heinsberg from the Huy-Mont Falhize hoard. *RBN* 139 (1993) pp. 322-38 illus.

998 MEER, G. VAN DER. Hoe 'Van der Chijs' ontstond. *Beeldenaar* 17 (1993) pp. 275-84.

The genesis of the standard reference work on Dutch medieval coins by P.O. van der Chijs, published in nine volumes between 1851 and 1866, and its reception at the time are reconstructed on the basis of contemporary correspondence. (Author)

999 MEERT, CHRISTIAN. L'atelier monétaire de Fosses sous les princes-évêques de Liège. *CENB* 30 no. 3 (1993) pp. 63-68 illus.

1000 MEERT, CHRISTIAN. L'atelier monétaire de Rochefort au début du XVII^e siècle. *CENB* 31 no. 3 (1994) pp. 49-56.

1001 MEHL, MANFRED. Ein Münzschatz des 15. Jahrhunderts aus Niederösterreich. *JNG* 42/43 (1992/93 [1994]) pp. 177-208 illus.

The author publishes 2,156 coins from a hoard found in Lower Austria. It contains coins of the 14th and 15th centuries originating from Lower Austria, Styria, Bohemia, Moravia and Bavaria. (Gerd Stumpf / Bernhard Overbeck)

1002 MELNIKOVA, A.S. Dennings in the History of Russian Danish Relations. *NNÅ* 1989-90 pp. 166-80 illus.

With the help of die links, the author shows that the imitations of Russian dennings, which were struck ca. 1619 by the Danish king Christian IV, was of a considerable size. The minting was at first tolerated by the Russian government but was forbidden in 1620 by a czar's ukase. (Ulla Westermarck)

1003 MÉRINDOL, C. DE. Réflexions sur la monnaie et l'emblématique à la fin du Moyen âge. T. Hackens *et al.*(eds.), *Proceedings of the XIth International Numismatic Congress* vol. 3 (Louvain-la-Neuve 1993) pp. 49-60.

1004 MIKOLAJCZYK, ANDRZEJ. The flow of late medieval coins from West Pomerania, The Teutonic Order and Poland to Scandinavia. *NNÅ* 1989-90 pp. 71-111 illus.

An extensive treatment of the flow of coins to Scandinavia based on a rich coin material which the author collected during many years. Sources of economic history are also taken into account. (Ulla Westermarck)

1005 MOLVÖGIN, ARKADI. *Die Funde westeuropäischer Münzen des 10. bis 12. Jahrhunderts in Estland*. Numismatische Studien 10. Hamburg, Hamburger Museumsverein e.V. 1994. 613 pp. illus.

Following criteria applied for the Swedish Viking age hoards, 94 hoards from the tenth to the twelfth centuries from Estonia including coins from Western Europe are published chronologically. Oriental and Byzantine coins are also present in the early hoards. Added are coins of uncertain provenance including five hoards, also found in Estonia. In total, 15,372 coins are published. The find catalogue is preceded by a history of coin collections and find registration in Estonia. (Peter Ilisch)

1006 MOLVÖGIN, ARKADI. Der Beginn des Zustroms westeuropäischer Münzen nach Estland (965-bis zum 1. Viertel des 11. Jh.). T. Hackens *et al.*(eds.), *Proceedings of the XIth International Numismatic Congress* vol. 3 (Louvain-la-Neuve 1993) pp. 153-60.

1007 MONTANER GIRO, P. La moneda en uso en Barcelona, según consta en escrituras de contrataciones territoriales, de 1050 a 1200. *GacNum* 114 (1994) pp. 63-65.

1008 MURRAY, G. Guía de los marcos acuñados y ensayadores de la Casa de la Moneda de Madrid (1615-1868). *Numisma* 233 (1993) pp. 295-387.

1009 NAU, E. In welchen "librae" forderte der Normannenhäuptling Gottfried im Jahr 882 Gold- und Silber-Tribute von Kaiser Karl? T. Hackens *et al.*(eds.), *Proceedings of the XIth International Numismatic Congress* vol. 3 (Louvain-la-Neuve 1993) pp. 69-72.

1010 NEF, CLAUDE. Une monnaie de Viesville vendue à Bruxelles. *JEListeFPL* 159 (1993) pp. 3-4.

A silver coin of John I (1297-1331), count of Namur (Belgium), is published.

(Johan van Heesch)

1011 NEF, CLAUDE. Les petits deniers de Valenciennes (Tentative de classement chronologique). *Vie num* 43 no. 10 (1993) pp. 327-39 illus.

1012 NEF, CLAUDE. Un esterlin inédit du duché de Brabant. *Vie num* 44 no. 10 (1994) pp. 294-96 illus.

1013 NEMEŠKAL, LUBOMIR. Lazarus Ercker und das böhmische Münzwesen. *Lazarus Ercker—sein Leben und seine Zeit* (Schneeberg 1994) pp. 77-80.

1014 NICKLIS, HANS-WERNER. Nahmarktlandschaft und Fernhandelslandschaft. *HBN* 36/38 (1982/84 [1993]) pp. 15-34.

Written sources of the 10th and 11th centuries are analysed to describe the development of a monetary economy and the regionalisation of money in *Francia occidentalis* and to compare it to *Francia orientalis*, thought to be in contrast to the west dominated by royal coinage and long distance trade. (Peter Ilisch)

1015 NUIJTENS, M. Munten, eretekens, penningen, noodgeld. *Ten Mandere: Heemkundig periodiek voor Izegem en omliggende* 33 no. 97 (1993) pp. 3-12.

The author describes medals and emergency issues from Izegem (Belgium) struck during World War I. (Johan van Heesch)

1016 ØSTERGAARD, BENT. Rigsrådets hvid—ikke 1448 men 1481-83 [The hvid struck by the Council of the realm—not in 1448 but in 1481-83]. *NNUM* 3 (1995) pp. 34-39 illus. In Danish.

The Danish hvid, which was traditionally attributed to the interregnum of the year 1448, is here re-attributed to the later interregnum of 1481-83, following the death of Christian I. The re-attribution is based on numismatic and historical evidence. (Ulla Westermarck)

1017 PALERMO, LUCIANO. *Mercati del grano a Roma tra Medioevo e Rinascimento, vol. 1. Il mercato distrettuale del grano in età comunale.* Rome, Istituto Nazionale di Studi Romani 1990. 404 pp.

One chapter of this work discusses the monetary situation between the 12th and 14th centuries. (A. Carignani)

1018 PELLICER I BRU, J. El “mencal” ponderal castellano en el reinado de Alfonso X (1252-1285). *VIII Congreso Nacional de Numismática, Aviles 1992* (Madrid 1994) pp. 613-16.

1019 PEREZ GACIA, M. DEL PILAR. *La Real Fábrica de Moneda de Valladolid, a través de sus registros contables.* Valladolid, Universidad de Valladolid 1990. 220 pp.

1020 PEREZ SINDREU, F. DE P. Las fluctuaciones del oro y la plata en el siglo XVIII y la Casa de la moneda de Sevilla. *GacNum* 116 (1995) pp. 47-57.

1021 PEREZ SINDREU, F. DE P. Tesorillo de dineros de Enrique IV. *Numisma* 233 (1993) pp. 69-92.

1022 PEREZ SINDREU, F. DE P. Las acuñaciones hechas en las atarazanas de Sevilla en 1535 y 1536. *VIII Congreso Nacional de Numismática, Aviles 1992* (Madrid 1994) pp. 211-18.

1023 PFEIFFER, HEINZ. Die Blüte des Saalfelder Silberbergbaues (1535-1540), Grundlage der dortigen ernestinischen Münzen ab 1551. *Jahrbuch der Gesellschaft für Thüringer Münz- und Medaillenkunde* 6 (1994) pp. 74-87.

1024 PININSKI, J. Les gros de Prague dans la circulation monétaire de l'Europe centrale et orientale. T. Hackens *et al.*(eds.), *Proceedings of the XIth International Numismatic Congress* vol. 3 (Louvain-la-Neuve 1993) pp. 199-202.

1025 POTIN, V.M. Deniers belges dans les trésors russes du XI^e siècle. T. Hackens *et al.*(eds.), *Proceedings of the XIth International Numismatic Congress* Vol. 3 (Louvain-la-Neuve, 1993) pp. 161-70.

1026 RIPOLLÈS, P.P. La Cova de l'aguila: un taller de falsificadores de moneda (siglo XVII). *Numisma* 233 (1993) pp. 261-93.

1027 RITTERSHOFER, K.F. Die nichtkeramischen Funde. *Germania, Anzeiger der Römisch-Germanischen Kommission des Deutschen Archäologischen Instituts* 71 (Mainz, Philipp von Zabern, 1993) pp. 483-497 illus. ISBN 3-8053-1473-6.

Among finds from a medieval castle a heller is reported and illustrated.

(Peter Ilisch)

1028 RÖBLITZ, GÜNTHER. Die Erfurter Groschenprägung von 1525. *GN* 29 (1994) No. 161 pp. 124-27 illus.

The first, and for a long time, only groschen issue of the city of Erfurt 1525 is discussed in respect to its position in monetary history and fineness. A published issue of 1521 is thought to be erroneous.

(Peter Ilisch)

1029 RÖBLITZ, GÜNTHER. Die Stempelung Prager Groschen Wenzels IV (1378-1419) in Hessen. *GN* 29 (1994) no. 163 pp. 218-21 illus.

The author surveys the counterstamping of Bohemian grossi by some towns of Hessen, which is thought to have been organized by the landgraves about 1413. The counterstamp with a lion is attributed to Kassel.

(Peter Ilisch)

1030 RÖBLITZ, GÜNTHER. Halbgroschen und Pfennige aus Schmalkalden unter Hermann II. von Hessen (1376/1413). *JNG* 42/43 (1992/93 [1994]) pp. 165-76 illus.

The author provides a short introduction on Schmalkalden and the striking of halfgroschen. The halfgroschen struck by Hermann II was the first groschen currency struck on both sides, the "hohlpfennig" (bracteate) with one side only, and the pfennig with "vierschlag" (rectangular shape in center). (Gerd Stumpf / Bernhard Overbeck)

1031 RÖBLITZ, GÜNTHER. Der Schmalkaldische Krieg 1546 bis 1547 und die erste Talerprägung von Erfurt im Jahre 1548. *Jahrbuch der Gesellschaft für Thüringer Münz- und Medaillenkunde* 6 (1994) pp. 36-44.

1032 ROMERO MOLINA, R. Dos experimentos acuñadores en Madrid: las pruebas de M. de la Cerda y D. Astor en las casas de Jacime Trezzo. *Numisma* 233 (1993) pp. 155-259.

1033 RUIZ TRAPERO, M. Presencia en la moneda de los Reyes Católicos de la formación del estado moderno. *IX Congreso Nacional de Numismática, Elx 1994* (Elx 1994) pp. 343-48.

1034 RUPPEL, THOMAS. Ausgrabungen im Stapelviertel zwischen Niederstraße und Stadtmauer. *Beiträge zur Duisburger Stadtarchäologie. Zwei Jahre Modellprojekt Stadtgeschichte* (Duisburg, Niederrheinisches Museum 1990) pp. 117-124 illus. ISBN 3-923576-53-6.

The author discusses and illustrates a Hungarian denarius of Matthias (1454-90) found in Duisburg. (Peter Ilisch)

1035 SACCOCCI, ANDREA. Tra Bisanzio, Venezia e Friesach: alcune ipotesi sull'origine della moneta grossa in Italia. *NumAntClas* 23 (1994) pp. 313-41.

1036 SACCOCCI, ANDREA. Le monete, in Asolo. Progetto Rocca: Lo scavo 1992. *Quaderni di Archeologia del Veneto* 9 (1993) pp. 37-39 illus.

The excavations of 1992 yielded 11 coins, including an *as* of Claudius, 5 Venetian coins of the 12th and 13th centuries, and 4 Veronese denarii of the same time period. (A. Carignani)

1037 SANTIAGO FERNANDEZ, J. DE. Manuel Lopez Pereira, un arbitrista al servicio de Felipe IV. *VIII Congreso Nacional de Numismática, Aviles 1992* (Madrid 1994) pp. 247-55.

1038 SANTIAGO FERNANDEZ, J. DE. La reforma monetaria de la plata de 1642. *IX Congreso Nacional de Numismática, Elx 1994* (Elx 1994) pp. 361-68.

1039 SARVAS, PEKKA. Två unika Åbo-mynt [Two unique coins from the Åbo (Turku) mint]. *NNUM* 4 (1995) pp. 50-55 illus.

An 'abo' of Eric the Pomeranian, struck shortly before 1410, and a fyrk of Gustavus Vasa, dated to 1523-24, are discussed. The 'abo' was first published by Sarvas in *NNA* 1981, while the fyrk had not been published before. (T. Talvio)

1040 SARVAS, PEKKA. Mikä kumman kuusinainen? [What is a 'kuusinainen'?] *Numismaatinen Aikakauslehti* 1 (1995) pp. 3-9 illus.

Kuusinainen ('piece of six') seems to be the oldest vernacular name for a coin denomination known in Finnish. It was used of the Swedish half örtug (fyrk) which in the 1520s was revalued at 6 pennings, and later of quarter öre copper coins. However, the author argues that the word probably goes back to the Middle Ages when Livonian artigs, worth 6 Swedish pennings, circulated in Finland. (T. Talvio)

1041 SCHNEIDER, JÜRGEN, OSKAR SCHWARZER, ZELLFELDER, and MARKUS A. DENZEL, eds. *Währungen der Welt Vol. VI. Geld und Währungen in Europa im 18. Jahrhundert* (Beiträge zur Wirtschafts- und Sozialgeschichte vol. 49). Stuttgart, Franz Steiner Verlag 1992. xiv + 323 pp. ISBN 3-515-06072-3.

This volume comprises exchange rates from Amsterdam, London, Hamburg, Paris, Vienna, Venice, and Florence from 1698 to 1815 as well as from Augsburg from the first half of the nineteenth century. (Publisher)

1042 SCHNEIDER, KONRAD. "In gutem, ganckbaren Geelde." Probleme bei der Zahlung von Kapitalien und Lasten bei Veränderung des Geldwertes in Hamburg. *HBN* 36/38 (1982/84 [1993]) pp. 87-111.

1043 SCHNEIDER, KONRAD. Von kupfernen Hellern und Kleingeldproblemen in Frankfurt 1770-1840. *JNG* 42/43 (1992/93 [1994]) pp. 209-38 illus.

The study deals with the circulation of counterfeit small change in Frankfurt-am-Main from 1770 to 1840. There is sufficient evidence in the files of the city archives dealing with the production and circulation of counterfeit small coinage and with the prosecution of those involved in its distribution. We gain a clear picture of business relationships in the network of trade with counterfeit coinage, showing connections all over Central Europe. The Frankfurt copper hellers were counterfeited in huge

quantities to the end of the 18th century and were distributed mainly in the Prussian Rhine provinces and in the Netherlands. (D.Klose/Bernhard Olverbeck)

1044 SCHROCK, U.E.G. Abschläge in Silber aus den Jahren 1900 und 1901 von Original-Münzprägestempeln der Stadt Einbeck. *GN* 30 (1995) pp. 75-82 illus.

1045 SCHULZKI, HEINZ-JOACHIM. Der Münzfund von Dreisen—ein Vorbericht. *GN* 29 no. 159 (Jan. 1994) pp. 46-47; *Mitt. Hist. Ver. Pfalz* 92 (1994) pp. 73-80.

An 18th-century hoard, concealed about 1743 and buried in three earthenware pots, contained 2,696 coins (151 gold, 2,545 silver) mainly from the Palatine, but also from other German countries, from France, Netherlands, and Spain. It was found in 1989 at Dreisen (Rheinland-Palatinate, Germany). (Author)

1046 SCHWAB-TRAU, A. Die Finanzierung des Dreißigjährigen Krieges durch Papst Urban VIII. T. Hackens *et al.*(eds.), *Proceedings of the XIth International Numismatic Congress* vol. 4 (Louvain-la-Neuve 1993) pp. 67-70.

1047 SEJBAL, J. Mährische Brakteaten im mitteleuropäischen Münzwesen. T. Hackens *et al.*(eds.), *Proceedings of the XIth International Numismatic Congress* vol. 3 (Louvain-la-Neuve 1993) pp. 171-74.

1048 *Silberschätze aus dem Ries. Die Münzfunde von Untermagerbein und Holheim.* Munich, Staatliche Münzsammlung München 1994. 115 pp. illus. ISBN 3-922840-05-1.

On pp. 1-44 Gerd Stumpf publishes a hoard from Untermagerbein containing 640 small and medium silver coins, buried after 1515. The history of the findspot is surveyed by Wilfried Sponsel (pp. 45-50). Another hoard of 125 medium and 1583 small change silver denominations buried after 1534 and found in Holheim is described and analysed by Wolfgang Heß (pp. 51-115). (Peter Ilisch)

1049 SIETZ, FRITZ GEORG. Der Irrtum über den 28-Stüber von Modena. *NNb* 43 (1994) no. 6 pp. 156-64 illus.

The attribution of certain imitations of the florin or 28-stüber of Emden to Modena by the CNI is refuted and interpreted as a sequence of misunderstandings. (Peter Ilisch)

1050 SIETZ, FRITZ GEORG. Neues vom Rietberger Löwentaler. *NNb* 44 (1995) pp. 61-62.

A counterfeit leeuwendaalder (silver-plated copper) previously known with a date of 1660 also exists with the date 1626. *(Peter Ilisch)*

1051 SIMONSEN, CHRISTIAN J. The Norwegian Coinage 1204-1280. *NNÅ* 1989-90 pp. 45-68 illus.

A series of church finds and three main hoards are analyzed based on the hypothesis that both the minting and loss of coins took place continuously through the 13th century and therefore that coins found in archaeological investigations of churches are representative of the quantity and types in circulation in different periods. *(Ulla Westermark)*

1052 SORENSON, D.W. Mint Control in France under Charles VI (1380-1422). T. Hackens *et al.*(eds.), *Proceedings of the XIth International Numismatic Congress* vol. 3 (Louvain-la-Neuve 1993) pp. 117-22.

1053 SORIA SANCHEZ, V. Dineros, préstamos y monedas en el siglo XV en Italia y España. *VIII Congreso Nacional de Numismática, Aviles 1992* (Madrid 1994) pp. 473-84.

1054 STAHL, ALAN M. The Cephalonia Hoard of Venetian and Hungarian Coins. *NomKhron* 13 (1994) pp. 85-102. In English, with Greek translation.

The hoard contained 1,857 Venetian soldini up to about 1400; 12,192 Venetian torneselli up to about 1413; 158 Hungarian denars of Louis I (1359-71); and 8 Frankish deniers tournois. *(Author)*

1055 STAMM, VOLKER. Geld und Schatz bei Gregor von Tours. *HBN* 36/38 (1982/84 [1993]) pp. 113-18.

Parts of the texts of the Merovingian chronicler Gregor of Tours relating to treasure, donation, price, and credit are discussed in order to evaluate the role of money. *(Peter Ilisch)*

1056 STECK, VOLKER. "Das entlarffte Boese Muentz-Wesen." *Ein kurpfälzischer Münzschatz vom Ende des 17.Jahrhunderts als Zeugnis von Krieg und Münzverschlechterung.* Exhibition catalogue Badisches Landesmuseum, Karlsruhe 1995. 16 pp. illus.

A hoard of 982 mainly medium sized silver coins, buried in 1697 or shortly after, is listed. The author describes the monetary situation of the 2nd kipper crisis at the end of the seventeenth century. *(Peter Ilisch)*

1057 STEFKE, GERALD. Der "wendische Münzverein" und seine Nachbarn. Ein Überblick auf der Grundlage des heutigen Forschungsstandes. *GN* 30 (1995) pp. 125-33 illus.

The author surveys the research on the coinage of Lübeck, Hamburg and Lüneburg and other mints influenced by those from the late fourteenth to early fifteenth century. (Peter Ilisch)

1058 STEINECKE, HELMUT. Bibliographie Numismatik—Thüringen 5. *Jahrbuch der Gesellschaft für Thüringer Münz- und Medaillenkunde* 6 (1994) pp. 98-113.

1059 STIRBU, C. and A.-M. VELTHER. La circulation des monnaies en argent des Pays-Bas sur le territoire des Principautés Roumaines aux XVI^e-XVII^e siècles. T. Hackens *et al.* (eds.), *Proceedings of the XIth International Numismatic Congress* vol. 4 (Louvain-la-Neuve 1993) pp. 47-60.

1060 STOESS, CHRISTIAN. Die Münzen. Egon Wamers. *Die frühmittelalterlichen Lesefunde aus der Löhrstraße (Baustelle Hilton II) in Mainz* (Mainz, Amt Mainz der Abteilung Archäologische Denkmalpflege im Landesamt für Denkmalpflege Rheinland-Pfalz 1994) pp. 177-89 illus.

143 coins including one radiatus, four Merovingian, twenty Frisian sceattas, one Northumbrian styca, 38 Carolingian coins and numerous coins of the tenth and eleventh centuries are published and their composition is analyzed. (Peter Ilisch)

1061 SUCHODOLSKI, STANISLAW. Ein Datierungsversuch für die Brakteaten des Deutschen Ordens aus dem 14.-15. Jahrhundert. *HBN* 36/38 (1982/84 [1993]) pp. 57-86 illus.

1062 SWIDERSKI, ORTWIN. Das Geld im Kriegsgefangenenlager von Dülmen. *Jahrbuch 1993 des Kreises Coesfeld* pp. 108-12 illus.

1063 SYMONS, DAVID. Mediaeval European coins in the Finney collection. II: Scandinavia. *NCirc* 101 no. 8 (Oct. 1993) p. 282 illus.

1064 SYMONS, DAVID. Mediaeval European coins in the Finney collection. III: Central Europe. *NCirc* 101 no. 9 (Nov. 1993) p. 317 illus.

1065 SYMONS, DAVID. Mediaeval European coins in the Finney collection. IV: the Low Countries. *NCirc* 101 no. 10 (Dec. 1993) p. 349 illus.

1066 SYMONS, DAVID. Mediaeval European coins in the Finney Collection V: Northern Germany. *NCirc* 102 no. 5 (June 1994) p. 210 illus.

1067 SYMONS, DAVID. Mediaeval European Coins in the Finney Collection VI: Southern Germany and Switzerland. *NCirc* 102 no. 6 (July 1994) p. 258-59 illus.

1068 SYMONS, DAVID. Mediaeval European Coins in the Finney Collection VII: Bavaria. *NCirc* 102 no. 8 (Oct. 1994) p. 355 illus.

1069 SZÉKELY, G.V. Niederländische Münzen in den ungarischen Funden. T. Hackens *et al.*(eds.), *Proceedings of the XIth International Numismatic Congress* vol. 4 (Louvain-la-Neuve 1993) pp. 39-45.

1070 TABAR, M.I. and M. IBÁÑEZ. Hallazgos monetarios en el Desolado de Rada (Navarra). *GacNum* 114 (1994) pp. 67-74.

1071 TALVIO, TUUKKA. *Suomen raha 1918-1972. Suunnitelmaa ja kokeiluja [Finnish coins 1918-72. Designs and patterns]*. Helsinki, Finnish Numismatic Society 1995. 15 pp. illus.

An exhibition catalogue presents patterns and their dies in the collection of the Mint of Finland with sketches and other drawings. (Author)

1072 TAZEDAKIS, PANOS N. A little more about Othon, Lange and Voigt. *NomKhron* 13 (1994). In Greek, with English translation.

Medals and coins of the newly created modern Greek state.

(Anastasios P. Tzamalís)

1073 TONDO, LUIGI. Monete. *Il patrimonio disperso. Reperti archeologici sequestrati dalla Guardia di Finanza* (Catalogo della mostra, Piombino 1989, Rome, L'Erma di Bretschneider 1989) pp. 219-33 illus.

In this article, the author proposes a new reading of the countermark NCAPR as the mark of the counterfeiter Antonio Caprara. (Sara Sorda)

1074 TORTELLA, T. La moneda de oro del Banco de España. *VIII Congreso Nacional de Numismática, Aviles 1992* (Madrid 1994) pp. 605-11.

1075 TRAVAINI, LUCIA. Hohenstaufen and Angevin denari of Sicily and Southern Italy: their mint attributions. *NC* 153 (1993) pp. 91-135 illus.

The paper examines all denari types produced by Henry VI, Frederick II, Conrad I, Conradin, Manfred and by Charles of Anjou in the kingdom of Sicily. The kingdom was organized in two part, served by different mints: Palermo, and later Messina for the southern part (Sicily and Calabria), and Brindisi and Manfredonia for the mainland part. A full list and description of 114 types with their fractions and multiples is given (14 denari types and 10 halves are absent from Spahr). The classification of this material is discussed, but the aim of the paper is to establish mint attributions—which were quite uncertain—from the evidence of hoards and site finds. Three hoards are described in detail, and a list of other hoards and site finds is provided. Their evidence shows that denari found in one part of the kingdom are not found in the other part (with the exception of only two types), although they were identical in fineness and in principle were equally current throughout the kingdom: on the basis of these data mint attributions have been proposed. (Author)

1076 TRAVAINI, LUCIA. A new Sicilian copper coin of king William II (1166-89). *NC* 153 (1993) pp. 217-18 illus.

A new copper coin of the Norman king of Sicily William II is published. Its type is purely epigraphical, with Arabic legends on both sides; it is attributable to Messina. (Author)

1077 TRAVAINI, LUCIA. L'organizzazione delle zecche toscane nel XIV secolo. *La Toscana nel secolo XIV. Caratteri di una civiltà regionale*, Centro di Studi sulla Civiltà del Tardo Medioevo. San Miniato (Pisa), Collana Studi e Ricerche 2 (Pisa 1988) pp. 241-49.

The author reconstructs the functioning of the Tuscan mints in the 14th century based on documentary archives. In an appendix, she discusses the recent proposal to attribute the denarii of Cortona to the bishops of Arezzo. (A. Carignani)

1078 TRAVAINI, LUCIA. Un follaro di Marino Sebastos, duca di Amalfi (1096-1100)? *Rassegna Storica Salernitana* 11 (1994) pp. 261-65 illus.

The author illustrates and discusses seven coins from the collection of the Fitzwilliam Museum, including some follari struck at the mint of Amalfi in the name of Marino. (A. Carignani)

1079 TRAVAINI, LUCIA. *La monetazione nell'Italia normanna*. Istituto Storico Italiano per il Medioevo, Nuovi Studi Storici 28. Rome 1995. 484 pp. illus.

The author examines the mints, issues of gold, silver and bronze, and the problem of counterfeiting. An appendix includes a map of the circulation of these coins and an examination of Arabic legends on Norman coinage. (A. Carignani)

1080 TYLER-SMITH, SUSAN. A Parcel of Wallachian and Bulgarian coins of the Late Fourteenth/Early Fifteenth Century. *NC* 154 (1994) pp. 277-83.

1081 TYLER-SMITH, SUSAN. A Danish Runic Coin from the Thames. *S&B Coin and Medal Bulletin* 10 (Jan.-Feb. 1993) pp. 7-8.

The author records a coin of Sven Estridson, Lund, Moneyer Ulkil.

(Stephen Doolan)

1082 VANDENBERGHE, STEPHANE and FRANK VERMEULEN. Middeleeuwse en postmiddeleeuwse munten. F. Vermeulen, ed., *Terug naar de bron. Kruishoutem archeologisch doorgelicht*. Archeologische inventaris Vlaanderen 2 (Ghent 1993) p.195-203, 223-24.

A description of ca. 80 medieval and modern coins is given. The most remarkable coins are a Merovingian golden *tremissis* of Rouffiac and a silver *sceatta*.

(Johan van Heesch)

1083 VANHOUDT, HUGO. Achtiende eeuwse muntschat te Kampenhout. *JEGMP* 1993 pp. 195-208 illus.

A hoard containing 7 gold coins and 51 of silver, struck between 1685 and 1766 in France and the Austrian Netherlands, is published.

(Johan van Heesch)

1084 VAN LAERE, RAF. Een 18de-eeuwse muntschat gevonden in de Sint-Pietersberg te Zichen [An 18th century coin hoard from the abbey of Saint-Peter at Zichen, Belgium]. *RBN* 140 (1994) pp. 128-38.

1085 VAN LAERE RAF. De muntslag vanaf de eenmaking door Filips de Goede tot Filips V en de muntschatten uit Zuid-Oost-Vlaanderen. M. Rogge and L. Beeckmans, eds., *Geld uit de grond. Tweeduizend jaar muntgeschiedenis in Zuid-Oost-Vlaanderen* (Zottegem 1994) pp. 145-70 illus.

The author discusses coin circulation in the southeastern part of the province of East-Flanders (Belgium) from 1419 to 1712. The text contains a short discussion of several previously unpublished coin hoards from this period.

(Johan van Heesch)

1086 VAN NEROM, C. Réflexions sur le profil de Charles Quint tel qu'il apparaît au droit de la courte noire des Pays-Bas (1543-1556). T. Hackens *et al.*(eds.), *Proceedings of the XIth International Numismatic Congress* vol. 4 (Louvain-la-Neuve 1993) pp. 1-18.

1087 VENGE, MIKAEL. Oberstens møntproblemer og Christians II's Klippinge [The colonel's coin problems and the klippings of Christian II]. *NNUM* 4 (1994) pp. 67-69. In Danish.

A preserved account by a German clerk from Lübeck throws light on the serious problems caused by the bad emergency coins (klippings) issued during the siege of Copenhagen in 1523.
(Ulla Westermark)

1088 VERA GARCIA, C. and M. GARCIA MARTINEZ. Las modificaciones del vellón y su influencia en el precio de la plata en Castilla. Siglos XVI y XVII. *IX Congreso Nacional de Numismática, Elx 1994* (Elx 1994) pp. 369-80.

1089 VRIES, J. DE. *De Nederlandsche Bank van 1914 tot 1948, V. 2: Trips tijdvak 1931-1948, onderbroken door de Tweede Wereldoorlog.* Amsterdam 1994.

This is the second volume on the history of the Dutch central bank. (Arent Pol)

1090 WEDELL, KARL-HEINZ. *Die deutschen Kleinmünzen von 1803-1873.* Oschersleben, Dr. Ziethen Verlag 1994. 274 pp.

1091 WEISENSTEIN, KARL. *Die Kipper- und Wipperzeit im Kurfürstentum Trier.* Veröffentlichungen der Gesellschaft für Historische Hilfswissenschaften no.1. Koblenz 1991. 176 pp. illus.

The development of coinage and currency in the archbishopric of Trier on the eve of the kipper crisis (1618-22) is described. Attention is paid to the monetary policy of the Kurrheinischer Kreis as well as to the influences from neighbouring regions such as Lorraine and the differences in regulations for geographically different parts of the territory. Also surveyed are the various reckoning currencies, the striking of Trier coinage and monetary circulation. The final chapter deals with the kipper inflation which was of greater importance in Trier in 1622.
(Peter Ilisch)

1092 WIEL, H.J. VAN DER. *De stedelijke muntslag van Zwolle.* Vriezenveen 1994.

A catalogue of the coins of the "Imperial City" of Zwolle struck between 1488 and 1692 is presented.
(Arent Pol)

1093 WITTHÖFT, H. Die Rechnung mit Gold und Silber im Geldwesen des Deutschen Reiches im Mittelalter. T. Hackens *et al.*(eds.), *Proceedings of the XIth International Numismatic Congress* vol. 3 (Louvain-la-Neuve 1993) pp. 61-68.

1094 ZEDELIIUS, VOLKER. Karolus in Metullo. Zwei Obole Karls des Kahlen (840-860) aus Melle. *Das Rheinische Landesmuseum Bonn, Berichte aus der Arbeit* 2 (1994) p. 44 illus.

Two oboli found in the Rhineland are published.

(Peter Ilisch)

1095 ZEDELIIUS, VOLKER. Zur Münzprägung von Quentowic. *Studien zur Sachsenforschung* (Hildesheim, Verlag August Lax) 7 (1991) pp. 367-77 illus. French summary.

The various issues of the trading settlement of Quentowic in Merovingian times are discussed in detail. A list of pieces with 'VVICCVS' in continental European collections is added.

(Peter Ilisch)

1096 ZEDELIIUS, VOLKER. Der Talerfund von Ettenbostel. *HBN* 36/38 (1982/84 [1993]) pp. 155-62.

1097 ZEDELIIUS, VOLKER. Hochmittelalterliche Falschmünzen aus Aachen. T. Hackens *et al.*(eds.), *Proceedings of the XIth International Numismatic Congress* vol. 3 (Louvain-la-Neuve 1993) pp. 101-104.

For additional references to the numismatics of Western and Central Europe, see the following abstracts:

General, Nos. 20, 34, 37, 38, 44, 48

Greek, Nos. 139, 186

Roman, Nos. 337, 355, 505

Great Britain and Ireland, Nos. 777, 778, 794

Paper Money, No. 1354.

EASTERN EUROPE AND THE BALKANS

1098 BALCIUS, MIKAS and EUGENIJUS IVANAUSKAS. Die Münzen und Barren des Großfürstentums Litauen von 1387-1495. Teil II: Die Münzen mit dem Herrscherbild und dem schreitenden Löwen in Komposition mit der tartarischen Tamga. *MNZ* 24 no. 2 (1994) pp. 8-12 illus.

A copper coin with a lion and crowned head is considered not from Ryazan, but Lithuanian.

(Peter Ilisch)

1099 DOLENEC, IRISLAV. *Hrvatska numizmatika od pocetka do danas* [Croatian Numismatics from the beginning to the present]. Zagreb 1993. 192 pp. illus.

The author gives an extensively-illustrated overview of issues, classified by type and issuing authority, of coins, paper money, and public and private tokens from the territory of modern Croatia beginning with Duke Andrija (1196-1204), and including Austrian, Hungarian, Transylvanian, and Yugoslav issues on which appeared the names or arms of Croatian lands. Unusual is the coverage of early paper issues, beginning with the 1778 assignates of Pag, and/or "work tokens" of the 18th and 19th centuries.

(Charles B. Smith, Jr.)

1100 *Ex Oriente Lux. Mélanges offerts en hommage au professeur Jean Blankoff, à l'occasion de ses soixante ans, I, histoire, archéologie, histoire de l'art, numismatique.* Brussels, Université Libre de Bruxelles 1991. 392 pp.

This work contains two papers on Russian coins and medals in the Russian language.

(Johan van Heesch)

1101 IVANISEVIC, V. Le début du monnayage des gros serbes. T. Hackens et al.(eds.), *Proceedings of the XIth International Numismatic Congress* vol. 3 (Louvain-la-Neuve 1993) pp. 203-208.

1102 KARLOVIĆ, MAKŠ and IVAN MIRNIK. 125 obljetnica uvođenja psećih markica u Hrvatskoj [125th anniversary of the introduction of dog tags in Croatia]. *Veterinarska Stanica* 25 (5) (1994) pp. 285-95 illus. English summary.

The authors explain the introduction of tags as an attempt to control the dog population, and describe and illustrate 26 examples of 19th-century tags from Croatian cities.

(Charles B. Smith, Jr.)

1103 LEIMUS, IVAR. Livonian Mintmasters of the Sixteenth Century. *NNÅ* 1989-90 pp. 113-37.

The author discusses the lives and careers of Livonian mintmasters as well as the organization and staff of the Livonian mints during the period in question.

(Ulla Westermarck)

1104 MIMICA, BOZO. *Numizmatika na povijesnom tnu Hrvatske (IV. st. pr. Krista-1918)* [Numismatics on the historical territory of Croatia (4th century B.C.-1918)]. Rijeka 1992. 516 pp. illus. German summaries of text and parallel notes for illustrations.

The author has collected many separate works on the general area of ancient Illyria and medieval Croatia and Bosnia, updated attributions and added new varieties.
(Charles B. Smith, Jr.)

1105 MIMICA, BOZO. *Numizmatička povijest Dubrovnika [Numismatic History of Dubrovnik]*. Rijeka-Zagreb 1994. 515 pp. illus. German and Italian summaries and parallel notes for illustrations.

The author has simplified and illustrated Milan Rešetar's 1925 classification of coin issues and medals of Dubrovnik (Ragusa) and added line drawings to clarify type distinctions, especially of mince (follari) and dinars (grossi). He has added a general overview of the city-state's history, economy, trade relations, and mint operations.

(Charles B. Smith, Jr.)

1106 NOVAKOVIC, S. Problems in the Analysis of Serbian Medieval Coins. T. Hackens *et al.*(eds.), *Proceedings of the XIth International Numismatic Congress* vol. 3 (Louvain-la-Neuve 1993) pp. 209-17.

1107 PASZKIEWICZ, B. Foreign and Native Coins in Poland's Monetary System in the 14th Century. T. Hackens *et al.*(eds.), *Proceedings of the XIth International Numismatic Congress* vol. 3 (Louvain-la-Neuve 1993) pp. 175-80.

1108 STAHL, WERNER. Wertmarken der Metros und öffentlichen Fernsprecheinrichtungen in der ehemaligen Sowjetunion. *GN* 29 (1994) pp. 74-84 illus.

1109 SUCHODOLSKI, S. Le nom du prince qui n'est pas l'émetteur. Un exemple des monnaies polonaises du XII^e siècle. T. Hackens *et al.*(eds.), *Proceedings of the XIth International Numismatic Congress* vol. 3 (Louvain-la-Neuve 1993) pp. 181-86.

1110 SYMONS, DAVID. Mediaeval European coins in the Finney collection. I: Russia. *NCirc* 101 no. 7 (Sept. 1993) p. 235 illus.

1111 TZAMALIS, A.P. The Elis/1964 Hoard. *NomKhron* 13 (1994) pp. 65-84. In Greek, with English translation.

The article discusses the tornesia of the Frankish occupation of Greece in the 13th and 14th centuries.
(Author)

1112 VAN HOOFF, FRANÇOIS. Les mordovski et la circulation monétaire dans les territoires de la Volga durant la première moitié du XVI^e siècle. Un

aspect mal connu de la numismatique russe. *Vie num* 44 no. 4 (1994) pp. 123-25 illus.

For additional references to the numismatics of Eastern Europe and the Balkans, see the following abstracts:

Western and Central Europe, Nos. 859, 953, 965, 1002, 1004, 1005, 1006, 1024, 1025.

THE AMERICAS

UNITED STATES

1113 ARGYRO, DANIEL. Major Die States of the Cents of 1848, Part 8. *PW* 29 no. 2 (March 15, 1995) pp. 101-103.

The last in this series of articles on 1848 cents, it covers N-37, N-38, N-40, N-41, N-42, N-44, N-46 with an update on N-20 and N-22. The obverse and reverse of each die state are described. (Thomas Serfass)

1114 BLYTHE, AL. Liberty Seated Half Dime Survey Results—1994. *Gobrecht J* 21 no. 62 (March 1995) pp. 3-14.

Nearly 4,300 coins were reported in this survey which is presented by variety with each grade listed. The biases of the survey are specifically commented upon. Further breakdowns by mint are presented with the following categories: rank, date, total number, median grade, numerical grade, and 1987 rank. Newly discovered varieties are listed and described briefly. (Thomas Serfass)

1115 BORCKARDT, MARK and CHRISTOPHER YOUNG. 1794 "NC-10" Large Cent. *PW* 28 no. 5 (Sept. 15, 1994) pp. 278-79 illus.

Chris Young discovered a new variety of 1794 large cent at the ANA Convention in Detroit. It has Obverse 17 (Sheldon 43) obverse (without cracks through 7 and 1) and a new reverse die. The article includes a capsule variety collecting for the 1794's and all the technical data relevant for variety collectors. (Thomas Serfass)

1116 BRILL, PAUL. A New 1846 Tall Date Half Dollar Variety. *Gobrecht J* 21 no. 62 (March 1995) pp. 41-43 illus.

An unlisted variety featuring a recut 8 is described. The author claims both obverse and reverse are different from listed varieties. The article includes sharp enlarged photos. (Thomas Serfass)

1117 CARTER, JASON. A Study of 1866-S Dimes. *Gobrecht J* 21 no. 62 (March 1995) pp. 15-17 illus.

The two obverses and reverses are described in detail and then the author comments on the die pairings. Also indicated are the relative rarity of the different combinations and number of high grade specimens. Photos of reverses A and B are included.
(Thomas Serfass)

1118 CRAIG, A.K. and A.A. GORDUS. Numismatic Discoveries from the Florida State Collection. T. Hackens *et al.*(eds.), *Proceedings of the XIth International Numismatic Congress* vol. 4 (Louvain-la-Neuve 1993) pp. 129-34.

1119 CRAIN, STEPHEN A. Another Remarriage in the Capped Bust Half Dime Series. *JRJ* 9 issue 1 (Oct. 1994) pp. 8-17 illus.

The author summarizes and reviews the remarriage concept and variety collecting within the Half Dime series as well as demonstrating a remarriage within the 1830-31 dates in which some 1831 dimes were struck before some 1830 varieties.
(Thomas Serfass)

1120 FAZZARI, F. MICHAEL. New Die Hubs Identified for Trade Dollar Series. *Gobrecht J* 21 no. 61 (Nov. 1994) pp. 3-11 illus.

A third hub style has been discovered for the Trade dollar series indicated by a protrusion at the end of Liberty's index finger on the hand holding the ribbon. A discussion of how the new hub style fits into the variety nomenclature and a full description of all hub types for both the obverse and reverse is presented. The same information is summarized in a table at the end of the article.
(Thomas Serfass)

1121 FIVAZ, BILL. An Important 1872-S Half Dime Variety. *Gobrecht J* 21 no. 62 (March 1995) pp. 25-28 illus.

By way of confirming a new variety, the author reports two coins of this variety following the discovery coin. The V-6 variety is described in detail with illustrations.
(Thomas Serfass)

1122 FORTIN, GERRY. Another Blundered Die Identified for the 1856 Small Date Dime. *Gobrecht J* 21 no. 62 (March 1995) pp. 44-45 illus.

The author examined a small date hoard of 70 pieces and discovered the die with an 8 in the liberty scroll as well as many doubled die specimens. Other information on this die is included as well as a photo.
(Thomas Serfass)

1123 GANZ, DAVID L. The Barber Papers. *The Numismatist* 108 no. 2 (Feb. 1995) pp. 170-75, 219-23 illus.

Barber's personal papers and correspondence during his tenure at the Mint have been generously donated by Stack's of New York to the Smithsonian Institution and copies of the same have been given to the ANA library. The author's article provides a quick background and professional biography of Barber, including his correspondence with Cuba and Panama.
(Thomas Serfass)

1124 GRIFFEE, JOHN. New Jersey Coppers, Part 21: Maris 19M. *PW* 29 no. 2 (March 15, 1995) pp. 98-100.

The author provides a description of this variety along with a census of coins.

(Thomas Serfass)

1125 GRIFFEE, JOHN. New Jersey Coppers, Part 22: Maris 37X. *PW* 29 no. 2 (March 15, 1995) pp. 100-101.

The author provides a description of this variety along with a census of coins.

(Thomas Serfass)

1126 HODDER, M. Attitudes Towards the Coinage Right in Early Federal America. The Case of New Jersey 1788-1794. T. Hackens *et al.*(eds.), *Proceedings of the XIth International Numismatic Congress* vol. 4 (Louvain-la-Neuve 1993) pp. 141-46.

1127 ISKRA, FRED. S-273 Die States. *PW* 29 no. 1 (Jan. 15, 1995) pp. 12-22 illus.

Six die states are presented for this variety along with line drawings indicating the diagnostic features. Obverse and reverse descriptions with indicators are included. The author also estimates the availability of each die state based upon coins depicted in auction catalogues.

(Thomas Serfass)

1128 JULIAN, ROBERT W. The Large Cents of 1809-1811. *The Numismatist* 107 no. 11 (Nov. 1994) pp. 1560-64, 1625-26 illus.

Julian's work brings alive the dry mintage figures and explains mint operations in their historical context. The supply problems with copper and changes in mint operations are highlighted.

(Thomas Serfass)

1129 JULIAN, ROBERT W. The Large Cents of 1812-1814. *The Numismatist* 107 no. 12 (Dec. 1994) pp. 1721-23, 1760-61, 1772.

The effects of the War of 1812 on the Mint operations are discussed. The author also makes clear that there was no connection between disbursement of coins to the public and a bureaucratic tangle which delayed paying Mint employees their wages in a timely manner.

(Thomas Serfass)

1130 JULIAN, ROBERT W. The Large Cents of 1815-1816. *The Numismatist* 108 no. 1 (Jan. 1995) pp. 65-69, 109-10.

The author corrects and explains mistaken notions that no cents were struck in 1815. Documentary research by the author has helped to illuminate the history of the early Mint and its coining activities, planchet procurement and political machinations. The author's supposition that John Reich rather than Robert Scot was responsible for the engraving of the Liberty head on the obverse of the Coronet Head type may well stir up some interesting debate. (Thomas Serfass)

1131 KENNY, DAVID. Capped Bust Eagles: An Easy Variety Identification Method. *JRJ* 9 issue 1 (Oct. 1994) pp. 28-38 illus.

This is a quick attribution guide for the 32 varieties of Capped Bust Eagles. The obverse is primarily used although the various reverses are identified. A useful chart is included. The author finds that reverses I and L are identical, being the first reuse of a reverse die in the Eagle series. He adjusts the variety listing accordingly, 32 varieties, now with 19 reverse dies instead of 20. (Thomas Serfass)

1132 LA MARRE, TOM. John Ray Sinnock. *Rare Coin Review* 102 (Nov./Dec. 1994) pp. 63-64.

The author provides a professional biography of this talented engraver, including such trivia as the fact that Sinnock was the first to engrave the portrait of a living president (Calvin Coolidge) on a coin (1926 Sesquicentennial half dollar). The efforts to promote and create a Benjamin Franklin 10-cent piece are described. (Thomas Serfass)

1133 LAWRENCE, L. MICHAEL. 1793 S-15 Large Cents. *PW* 28 no. 5 (Sept. 15, 1994) pp. 283-88.

The article is an evaluation of 10 examples of this rare variety of large cent which is particularly noteworthy because of the pedigree research which accompanies each entry. The author also provides a sharpness and net grade along with a description of 10 of the 12 coins. (Thomas Serfass)

1134 LOGAN, RUSSELL. Bust Dollar Census and Update. *JRJ* 9 issue 1 (Oct. 1994) pp. 20-27.

This article combines several pieces of research to provide an updated estimate of Bust dollars especially reflecting new rarity ratings information. The voluminous information is presented in concise tabular form. Also included within the article is Jim Mathews' review/analysis of the Bust Dollar section of the Q. David Bowers' book, *Silver Dollars and Trade Dollars of the United States*. (Thomas Serfass)

1135 MARTIN, SYDNEY F. Wood's Hibernia Farthings: An Analysis and Categorization. *Colonial Newsletter* 34 no. 3 (Nov. 1994) pp. 1457-64, with bibliography.

The author sets out to give a nomenclature to this series. He uses three divisions by type, general type, subtype and variety, giving a definition of each. He uses numbers for the obverse types. For the reverses, he offers capital letters for the type and small case letters for the subtype. He presents seven types and four subtypes of reverses. These are set out in useful chart form. He goes on to classify patterns, off metal and presentation strikes. A historical introduction to Mr. Wood and a section on rarity round out this article. (Thomas Serfass)

1136 MOORE, ROGER A. A Simple Guide for the Attribution of New Jersey Coppers. *PW* 28 no. 6 (Nov. 15, 1994) pp. 360-76 illus.

This logical and well-designed guide is presented in a very user-friendly schematic format and should prove a boon to anyone wishing to attribute N.J. coppers. It is a perfect complement to the photographic attribution method. (Thomas Serfass)

1137 MOORE, ROGER A. A Simple Guide for Attribution of N.J. Copper Reverses. *PW* 29 no. 2 (March 1995) pp. 88-97.

Changes in terminology used to describe N.J. reverses are delineated, followed by a classification of shields into three types. The rest of the guide is comprised of a positioning diagram and a series of flow charts. The flow charts are succinct and very informative, including shield measurements in millimeters. (Thomas Serfass)

1138 RAUSCH, LARRY. Off Center Liberty Seated Dimes. *Gobrecht J* 21 no. 61 (Nov. 1994) pp. 13-24 illus.

The article provides an illustrated list of the author's collection of 20 Liberty Seated off center dimes as well as a listing of other off center dimes he has seen but been unable to purchase. The percentage off center and the position of the greatest misalignment are given for each coin. He also provides citations for the other off center dimes which have been featured in the *Gobrecht Journal*. (Thomas Serfass)

1139 RUTHERFORD, DAVID. A Study of Bust Half Dollar Rotations. *JRJ* 9 issue 1 (Oct. 1994) pp. 18-19.

This is an introductory article for those interested in the die rotation variety collecting. A surprising initial finding by the author is that the vast majority of coins show die rotation in the same direction in any given year. (Thomas Serfass)

1140 SCHLOSSER, BERT A. A Third Obverse Die for the 1870-CC Dollar. *Gobrecht J* 21 no. 61 (Nov. 1994) pp. 26-27 illus.

The author has an obverse die with the date too high to be classed as a Date Right Obverse, and he asserts that he has found a third obverse die. The characteristics of the three dies are given. *(Thomas Serfass)*

1141 SILBERMAN, HERBERT A. Early New Jersey and its Mines. *PW* 29 no. 2 (March 15, 1995) pp. 114-19 illus.

The author presents historical data on early copper and silver mining in New Jersey from the Schuyler mine in 1715 to Elisha Boudinot's New Brunswick mine in 1750. A short history of the area's colonial jurisdictional succession is included as well as some information on counterfeiting and early coiners. *(Thomas Serfass)*

1142 SMITH, PETE. A Howard Newcomb Photo. *PW* 28 no. 5 (Sept. 1994) pp. 280-82 illus.

Despite being an influential numismatic researcher and business professional, there was no individual photograph of Newcomb known. His likeness was known from a medallic likeness of him and his presence in certain group photos. The author rectified the void with his search in the Detroit Public Library. A full-page photo is reproduced and the location detailed for others who may want a print. *(Thomas Serfass)*

1143 WHITE, WEIMAR W. An 1875-CC Half Dollar Struck from Clashed Dies. *Gobrecht J* 21 no. 61 (Nov. 1994) pp. 28-30 illus.

A clearly clashed example of this date is presented to explain the process. The author has concluded from his experience that there are few clashed examples in the Liberty Seated series. The clash marks are indicated with arrows in an illustration. *(Thomas Serfass)*

1144 WHITE, WEIMAR W. The Chemical Causes of Pitted Dies at the Carson City Mint. *Gobrecht J* 21 no. 62 (March 1995) pp. 29-32 illus.

The chemical sources and reactions which could cause die corrosion and pitting are well explained. The author reasons that salt vapor (from brine used in refining silver) and acids could easily have caused die pits. A drawing makes the process clear. Photos of a dimpled coin from pitted dies and a smooth coin from unblemished dies are included. *(Thomas Serfass)*

1145 YOST, BILL. Standard references, part I: finding hidden information on your coins. *NLR* 1 no. 2 (March 1995) pp. 3-5.

Reasons for using published references are cited, followed by the author's evaluation of the most significant general books on U.S. numismatics. *(Joseph E. Boling)*

MEXICO, CENTRAL AND SOUTH AMERICA

1146 ANDERSON, M.J. William Jameson and the Quito Mint. T. Hackens *et al.*(eds.), *Proceedings of the XIth International Numismatic Congress* vol. 4 (Louvain-la-Neuve 1993) pp. 147-50.

1147 BARRANDON, J.-N., E. LE ROY LADURIE, C. and C. MORRISSON. L'or du Brésil et son influence sur les frappes françaises au XVIII^e siècle : première étape d'une enquête. T. Hackens *et al.*(eds.), *Proceedings of the XIth International Numismatic Congress* vol. 4 (Louvain-la-Neuve 1993) pp. 135-40.

1148 CANCIO, L. Two rare coins of the Spanish mint of Santa Fe de Bogotá. *NCirc* 101 no. 10 (Dec. 1993) pp. 350-51 illus.

1149 COSTILHES, A. Monnaies de cuivre et contrefaçons au Brésil au début du XIX^e siècle: la crise du xem-xem. T. Hackens *et al.*(eds.), *Proceedings of the XIth International Numismatic Congress* vol. 4 (Louvain-la-Neuve 1993) pp. 157-60.

1150 DARGENT E. Le premier banquier du Pérou. *Vie num* 44 no. 3 (1994) p. 83-85.

1151 DYM, K.A. Some Reflections on XVIIth Century Potosí Coinage. T. Hackens *et al.*(eds.), *Proceedings of the XIth International Numismatic Congress* vol. 4 (Louvain-la-Neuve 1993) pp. 125-28.

1152 DYM, K.A. Los ensayadores de la ceca de Potosí. De 1465 a 1650. *GacNum* 115 (1994) pp. 67-79.

1153 FAINTICH, M. An unlisted 1745/3 'Lima' halfcrown. *NCirc* 101 no. 5 (June 1993) pp. 156-57 illus.

1154 FLATT, H.P. The Arequipa Mint and Its Coins, 1835-1841. T. Hackens *et al.*(eds.), *Proceedings of the XIth International Numismatic Congress* vol. 4 (Louvain-la-Neuve 1993) pp. 151-56.

1155 GUARISCO POZZI, SERGIO. Indices de la Revista. *Numismática* (Lima) 42 (Dec. 1993). 46 pp.

The author provides alphabetical and thematic indices of the contents of the 41 issues of *Numismática*, a periodical published since 1952 by the Sociedad Numismática del Peru. (K.A. Dym)

1156 HARLEY, A.S. The beaded P countermark. *NCirc* 100 no. 9 (Nov. 1992) pp. 307-8 illus.

The author identifies two such countermarks, attributed to St. Eustatius (Dutch W. Indies), ca. 1810/12, and Central America (?), ca. 1830s/1840s. (Edward Besly)

1157 LISSADE, J.G. Les intermédiaires d'échange de l'État Méridional d'Haïti (1868-1869). T. Hackens *et al.*(eds.), *Proceedings of the XIth International Numismatic Congress* vol. 4 (Louvain-la-Neuve 1993) pp. 161-68.

1158 LYALL, B. One Coin, Three Countries. *NCirc* 102 no. 9 (Nov. 1994) p. 403 illus.

The implications of a two reale-Spanish American coin with two countermarks is discussed. (Stephen Doolan)

1159 MANVILLE, H. E. A parcel of British-Brazilian overstrikes. *NCirc* 100 no. 1 (Feb. 1992) pp. 5-7 illus.

Fifteen Brazilian dollars are published. They are 19th-century overstrikes of Spanish-American 8-reales, which themselves had been countermarked in Britain of British Honduras during the reign of George III. (Edward Besly)

1160 MUÑOZ, T.R. Las monedas y belletes de la revolución Zapatista del año 1994. *GacNum* 116 (1995) pp. 61-64.

1161 DE LA PUENTE J., PEDRO. Relación de Ensayadores Peruanos desde 1568 hasta 1917. *Numismática* (Lima) 36 (1985) pp. 29-36; 37 (1988) pp. 17-21.

These articles provide a listing of the assayers and assayer-letters at the Peruvian mints in Lima, Cuzco, Arequipa and Cerro de Pasco with historical and bibliographical information. (K.A. Dym)

1162 SEWALL, MENZEL. Las macuquinas de oror "Estrella de Lima," 1659-1660. *GacNum* 116 (1995) pp. 39-45.

1163 TORRES BOHL, J. Teoría y realidad del régimen monetario colonial peruano (siglo XVI). T. Hackens *et al.*(eds.), *Proceedings of the XIth International Numismatic Congress* vol. 4 (Louvain-la-Neuve 1993) pp. 117-24.

1164 *Van cacaofoon tot Nuevo Peso. De numismatiek in Mexico. Verzameling Banco de Mexico.* Brussels, Museum voor Geld en Geschiedenis van de Nationale Bank van België 1993. 207 pp. illus.

This book, which also exists in French, is an exhibition catalogue containing the history of the coinages of Mexico. The text is a translation of the work of J.M. Sobrino, *La moneda Mexicana. Su historia*. Three chapters were rewritten or adapted by Elsa Lizalde Chavez. (Johan van Heesch)

1165 WALLACE, HOLLAND. The 1817 Date Freeze in Chile. *NI* 30/4 (April 1995) pp. 77-84 illus.

Following independence from Spain in 1817, the Santiago mint in Chile continued to strike some denominations with predated Spanish colonial dies. A review of the known coins together with the documents and mintage records in J.T. Medina, *Las Monedas chilenas* (1902) supports the common view that all such restrikes were dated 1817. The silver quarter real through two reales bearing that date were all struck in 1818 or later and should be understood as republican issues; this may not be so for the small gold values, since some coins dated 1817 may have been struck prior to independence. The quarter real was struck with proper date in 1818, indicating that the date freeze was initiated after this emission but before small gold coins were struck in that year. Restriking of silver coins dated 1817 apparently continued in one case to 1827. (Author)

For additional references to the numismatics of Mexico, Central and South America, see the following abstracts:
Great Britain and Ireland, Nos. 804, 805.

OCEANIA

1166 MEIRACKER, K. VAN DEN. Bruidsschat en erfenis. Ceremoniële ruilmiddelen uit het Stille Zuidzeegebied. *Beeldenaar* 16 (1992) pp. 159-62.

This is a short survey of the ceremonial 'money' from the South Pacific.

(Arent Pol)

MEDALS AND DECORATIONS

1167 1592-1992. *450 Jahre Evangelische Kirche in Regensburg.* Regensburg, Museen der Stadt Regensburg 1992.

This exhibition catalogue contains descriptions of a silver pilgrim badge and its casting form by U. Meyer and D. Brun as well as of more than 70 medals related to the Regensburg reformed church and its history by H. Emmerig and P. Germann-Bauer.
(Peter Ilisch)

1168 AVERY, CHARLES. Who was Antonio Selvi? New documentary data on medal production in Soldani's workshop. *The Medal* 26 (Spring 1995) pp. 26-41 illus.

Recently discovered correspondence throws light on the careers and working practices of the Italian Baroque sculptors and medallists Antonio Selvi and Massimiliano Soldani-Benzi. The letters were written between 1716 and 1740 by Soldani-Benzi to a Florentine diplomat Gian Giacomo Zamboni residing in London, and are now in the Bodleian Library. They reveal that the artist included medals in crates containing larger works that he was sending to London. They also provide fascinating information on the professional relationship that existed between Soldani-Benzi and the younger artist Selvi, who acted as foreman in Soldani-Benzi's workshop.
(Philip Attwood)

1169 BAILY, D.F. San Antonio's Regal Coinage. *TAMSJ* 35 no. 1 (Feb. 1995) pp. 12-15.

The author provides a brief history of San Antonio's annual fiesta held in April to celebrate the defeat of Santa Ana in 1836. The tradition of King's coins given out as part of the celebration began in 1946 and has a varied and interesting history since that time. Important changes in design and details concerning size and composition are included.
(Thomas Serfass)

1170 BAR, MARC. Les Prix quinquennal de Numismatique, ses six lauréats, ses six médailles. *CENB* 31 no. 4 (1994) pp. 70-77 illus.

1171 BATIO, CHRISTOPHER. Artist Marcel Jovine sets sights on living the American Dream. *Numismatic News* 43 no. 47 (Nov. 22, 1994) pp. 1, 30, 50 illus.

This is a biographical and professional sketch. Beginning his numismatic endeavors with medals design work, Jovine won the competition for both sides of the 1987 Constitution \$5 gold coin and has gone on to design for parts of several

commemorative coins. His latest contribution is the design for the obverse of the 1995 Olympic \$5 gold coin.
(*Thomas Serfass*)

1172 BORNE, A.C. Les insignes privés des sociétés d'Anciens militaires (suite). *Militaria Belgica* 1992 pp. 47-59.

1173 BOURNE, MARCY L. Metalwork and making medals: What's the link at Loughborough? *The Medal* 26 (Spring 1995) pp. 110-13 illus.

The reasons for the success of students of Loughborough College of Art and Design in the Royal Society of British Sculptors' student bursary medal competitions are discussed. In 1988, when the competition was organized by the Royal Society of Arts, it was won by Gordon Summers and in 1993 by Karen Harrison at Loughborough. Chain links produced by current students are illustrated.

(*Philip Attwood*)

1174 BROWN, GEORGE A. *Canadian Welcome Home Medals 1899-1945*. Langley, British Columbia, Western Canadian Distributors 1991. 155 pp. illus. ISBN 0-9695136-0-7.

National, provincial, city, fraternal, and business awards honoring returning Canadian servicemen from the Boer War and World Wars I and II are presented. The awards include medals, badges, plaques, paperweights, bookends, and certificates.

(*Joseph E. Boling*)

1175 BUCHET, A.R. Achèvement du chemin de fer Anvers-Malines-Liège-Verviers-Aix-la-Chapelle-Cologne en 1843. *Vie num* 44 no. 9 (1994) pp. 270-75 illus.

1176 BUCHET, A.R., RAF VAN LAERE, and M. WILLEMANS. *Belgische medailles belges* 1992. Hasselt 1993.

A description of 98 Belgian medals issued in 1992 is given. (*Johan van Heesch*)

1177 BUCHET, A.R., RAF VAN LAERE, and M. WILLEMANS. *Belgische medailles-belges* 1993. Hasselt-Mons 1994. 96 pp. illus.

101 Belgian medals issued in 1993 are described and illustrated.

(*Johan van Heesch*)

1178 CALLATAÏ, FRANÇOIS DE. Victor Rousseau médailleur. *Exposition rétrospective Victor Rousseau* (Forest, 1992) pp. 29-33 illus.

A retrospective exhibition of Victor Rousseau, one of the best Belgian sculptors between ca. 1890-1930, was the occasion to study a minor field of his activities: the medals. Six of them are fully described and illustrated.

(*Author*)

1179 CASPAR, HELMUT. Hercules saxonicus spiegelte sich in Medaillen. August der Starke leitete mit seiner Thronbesteigung vor 300 Jahren auch eine neue Ära in der Medaillenkunst ein. *GN* 29 (1994) no. 162 pp. 177-79 illus.

1180 CHATT, JOSEPH. The Fattorinis as medallists. *NCirc* 100 no. 5 (June 1992) pp. 152-53 illus.

1181 CIOFU, V.L. Les médailles du Bas-Danube dans l'histoire de la romanité orientale. T. Hackens *et al.*(eds.), *Proceedings of the XIth International Numismatic Congress* vol. 4 (Louvain-la-Neuve 1993) pp. 331-36.

1182 COLAERT, MAURICE. Mémoire méteallique de la Société royale de Numismatique de Belgique et de ses membres. *RBN* 139 (1993) pp. 133-306 illus.

This is an exhaustive catalogue of medals concerning the Royal Numismatic Society of Belgium and its members, with an index. (Johan van Heesch)

1183 Contemporary medals at the Scottish Gallery. *The Medal* 26 (Spring 1995) pp. 98-109 illus.

The works by contemporary British medallists exhibited in Edinburgh in 1994 are catalogued. The medals were shown at a private gallery, the Scottish Gallery, in a display that coincided with the exhibition, The Currency of Fame, held at the National Gallery of Scotland. Included in it were medals issued by the British Art Medal Society. (Philip Attwood)

1184 COOK, B.J. Showpieces: Medallic coins in early modern Europe. *The Medal* 26 (Spring 1995) pp. 3-25 illus.

This article surveys the coinage of early modern Europe which was intended to serve primarily for presentation, commemoration, and display, rather than as currency. It concentrates particularly on the practice of striking large multiple denominations, in both silver and gold, with dies created for more practical denominations (for instance the use of taler dies to strike double and triple talers in silver or 10 ducat pieces in gold). The geography and chronology of production of such pieces is outlined and a correlation with the culture of the baroque courts and the pressures of the Thirty Years' War is noted. (Author)

1185 CREGAN, WILLIAM H. A Gobrecht Medal for 1839. *Gobrecht J* 21 no. 61 (Nov. 1994) pp. 40-41 illus.

A silver medal made for the Mass. Charitable Mechanic Association in 1839 by Gobrecht is described. It has been located in Franklin Peale's die register. Other speculations about the medal are offered.
(*Thomas Serfass*)

1186 CRUSAFONT I SABATER, M. La batalla de Capo Passero (1718) i les seves medalles. *NumAntClas* 1994 pp. 397-401 illus.

This article contains brief notes on the medals struck by Philip V of Spain to record the battle of Capo Passero which completed the Spanish conquest of Sardinia and Sicily in 1718.
(*A. Carignani*)

1187 CUHAJ, GEORGE C. Don Everhart II: A natural talent for medallic art. *The Medal* 26 (Spring 1995) pp. 92-95 illus.

Don Everhart II (born 1949) studied painting in Pennsylvania before joining the Franklin Mint as a junior designer in 1974. Until 1980, when he went freelance, Everhart designed and/or modelled coins for many countries. Since then he has produced medals for the Society of Medallists and the Medallic Art Company, and has also executed larger relief and three-dimensional work. Starting in 1992 he was president of the American Medallic Sculpture Association.
(*Philip Attwood*)

1188 DENAYER, ALBERT. Notice sur deux médailles religieuses de la région montoise. *Vie num* 43 no. 4 (1993) pp. 131-32.

1189 DENGIS, JEAN-LUC. Phaléristique de la Marche du Souvenir et de l'Amitié. *Vie num* 43 no. 1 (1993) pp. 9-14 illus.

A description of modern medals concerning Vielsalm (Belgium) and edited between 1969 and 1973 is given.
(*Johan van Heesch*)

1190 DENGIS, JEAN-LUC. Phaléristique de la Marche européenne du Souvenir et de l'Amitié. *Vie num* 44 no. 4 (1994) pp. 116-19 illus.

1191 DE SMET, F. Munten en medailles van Leopold I met Nederlandse tekst [Dutch legends on the coins and medals of Leopold I]. *JEGMP* 1993 pp. 71-74.

1192 DESPRETZ, A. Drie aan Norbert Cornelissen geschonken medailles [Three medals presented to N. Cornelissen]. *JEGMP* 1993 pp. 75-92 illus.

The author discusses three medals presented to Norbert Cornelissen between 1818 and 1837 and engraved by Th. V. Van Berckel, P.J.J. Tiberghien, and Ch. Onghena of Ghent (Belgium).
(*Johan van Heesch*)

1193 DESPRETZ, A. Medailles van Ghislain Joseph Massaux. *JEGMP* 1993 pp. 93-113 illus.

Gh. J. Massaux (1772-1851) engraved several medals for the 'Société royale d'agriculture' and the school of Jean Baptist Delbecq, both at Ghent (Belgium). His medals, all engraved by hand and piece by piece, are known from 19th-century engravings only. (Johan van Heesch)

1194 DETHLEFS, GERD. Über eine Porträt-Schraubmedaille zum Westfälischen Frieden 1648. *NNb* 44 (1995) pp. 52-56 illus.

A painted portrait and a coat of arms are included in a medal of 1648. The identity of the portrayed man is discussed. (Peter Ilisch)

1195 D'ORIANO, R. Posada. Loc. Parte Sole, necropoli medievale. *Il suburbio delle città in Sardegna: preesistenze e trasformazioni*, Atti del III Convegno di Studio sull-Archeologia tardoromana e altomedioevale in Sardegna (Cuglieri, June 28-29, 1986), *Mediterraneo tardoantico e medievale. Scavi e Ricerche* 7 (Tarentum 1989) pp. 51-55 illus.

Two medieval gilded bronze devotional medals were found in tombs of the Church of St. Stefano at Posada in northeast Sardinia. (A. Carignani)

1196 DRÄGER, ULF. Entwürfe für Medaillen und Orden von Karl Friedrich Schinkel 1812 bis 1818. *JNG* 42/43 (1992/93 [1994]) pp. 265-310 illus.

The article renders an elaborate description of the architect Schinkel's work in the field of medals and decorations, beginning with a medal "for art and literary products". There is further discussion of the design of the Iron Cross, of medals commemorating the liberation wars against Napoleon and of many further medals and decorations. The author treats not only the designs, but also the details of ordering and executing. (Gerd Stumpf / Bernhard Overbeck)

1197 DUCHAMP, MICHEL. Camée/Médailles: Le dialogue se poursuit. *The Medal* 26 (Spring 1995) pp. 42-45 illus.

The subject of an onyx cameo by the gem-engraver and medallist Lorenz Natter is shown to be Christian VI, the eighteenth-century king of Denmark, based on comparison with coins and medals of that king. The cameo, sold by Sotheby's in 1992, shows the king in the classical tradition without a wig. (Philip Attwood)

1198 Fernand Dubois 1861-1939. Musée Horta, Saint-Gilles, 1988, 74 pp. illus.

This is an exhibition catalogue of the work of the Belgian sculptor and medallist F. Dubois. *(Johan van Heesch)*

1199 FERNANDEZ BENITIO, Y. Estudio de una supuesta medalla tartésica a partir de un documento del siglo XVII. *VIII Congreso Nacional de Numismática, Aviles 1992* (Madrid 1994) pp. 273-380.

1200 GILLILLAND, C. The Collection of an American Diplomat to Belgium. T. Hackens *et al.*(eds.), *Proceedings of the XIth International Numismatic Congress* vol. 4 (Louvain-la-Neuve 1993) pp. 321-30.

1201 GOSZTONYI, JÓZSEF. Kiss Nagy András éremművészete [The medal art of András Kiss Nagy]. *AzÉrem* 1995/1 pp. 42-48.

1202 GROSSE, WERNER. Die Medaillen Napoleons I. auf die Schlacht bei Jena. *Jahrbuch der Gesellschaft für Thüringer Münz- und Medaillenkunde* 6 (1994) pp. 55-69.

The medal commemorates the battle of Jena in 1807, in which Napoleon I thoroughly defeated the combined forces of Prussia and Saxony. *(Paul Arnold)*

1203 GRUND, RAINER. Zeichnungen für sächsische Medaillen aus der Zeit vom Barock bis zum Klassizismus. *Designs on Posterity* (London 1994) pp. 73-88.

1204 HAAG, EARL C. JR. American Arts Commemorative: In Gold We Trust. *The Numismatist* 108 no. 4 (April 1995) pp. 425-29 illus.

This is a history of the little-known American Arts Gold Medallion Act of 1978 which engendered a series of 10 gold medals (technically too small to qualify as medallions) produced by the U.S. Mint. Each of the medals is discussed along with the Mint's scanty marketing efforts and the relative failure of the program.

(Thomas Serfass)

1205 HAMMER, PETER. *Aluminium-Medaillen, die sich auf Aluminium beziehen*. Scharfenstein 1994. 31 pp.

1206 HUGUENIN, PAUL. Henri Huguenin: Médailleur suisse du debut du XXeme siècle. *The Medal* 26 (Spring 1995) pp. 58-65 illus.

Henri Huguenin (1879-1920) is an important figure in Swiss medallic art of the early twentieth century. He trained in Le Locle, Geneva, and Paris, where Ponscarne was a big influence. From 1901 to 1919 he worked in Lo Locle, where he produced medallic works, some of which served as watch-cases, and plaquettes.

(Philip Attwood)

1207 HYRSKY, TUOMAS. Suomen Valkoisen Ruusun pronssinen ansiomerkki lopullisesti historiaan [A Finnish cross of merit becomes obsolete]. *Numismaattinen Aikakauslehti* 4 (1995) pp. 100-101 illus.

The Cross of Merit in Bronze of the Order of the White Rose of Finland, instituted in 1919, was originally conceived as a kind of Finnish equivalent to the British Victoria Cross but was never awarded. In 1940 it was, in effect, replaced by the Mannerheim Cross. It was formally abolished in 1994.

(T. Talvio)

1208 JACKSON, C. 'Decks which Nelson strode': The Foudroyant and its medals. *The Medal* 26 (Spring 1995) pp. 50-52 illus.

The battleship Foudroyant was built in 1798 and saw action in the Napoleonic wars. Saved from being broken up in 1891, she was bought by a Mr. Cobb and taken to Blackpool. However, in 1897 a gale drove her onto the beach and she had to be dismantled. Plaques and medals were made from her metal parts. Between 1989 and 1905 over 25,000 medals were struck by the Birmingham Mint for Robert Fletcher of Blackpool.

(Philip Attwood)

1209 JONES, M. The Image of a Queen Regent. T. Hackens *et al.* (eds.), *Proceedings of the XIth International Numismatic Congress* vol. 4 (Louvain-la-Neuve 1993) pp. 303-308.

1210 KENIS, YVON. La médaille d'inauguration de Charles VI à Gand (18 octobre 1717). *JEListeFPL* 157 (1993) pp. 3-5 illus.

1211 KENYERES, DÉNES. Repülőjelvények az Osztrák-Magyar Monarchiában. II. rész [Flying badges of the Austro-Hungarian Monarchy. Part 2]. *AzÉrem* 1995/1 pp. 13-17.

1212 KERRIGAN, EVANS. *American Medals and Decorations*. New York, Mallard Press 1990. 80 pp. illus. ISBN 0-792-45082-5.

U.S. decorations are described, including some history of the system, followed by unit citations, campaign medals (all periods), polar and space exploration medals, ribbon bars, and obscure decorations. All uniformed services and the merchant marine are covered, as well as decorations for civilians and awards made by foreign governments to U.S. military personnel.

(Joseph E. Boling)

1213 KLAUSS, JOCHEN. Einige Bemerkungen zur Goethe-Medaille von Johann Gottfried Schadow (1816). *GN* 30 (1995) pp. 17-20 illus.

1214 KLEIN, ULRICH. [Württembergisches Landesmuseum Stuttgart, Neuerwerbungen] Münzkabinett. *Jahrbuch der Staatlichen Kunstsammlungen in Baden-Württemberg* 31 (1994) pp. 262-63 illus.

An oval frame with six academy prize medals from ca.1860/70 is described.

(Peter Ilisch)

1215 KOPPE, LOTHAR. Eine Medaille auf die Besetzung Altenburgs im Jahre 1848. *Jahrbuch der Gesellschaft für Thüringer Münz- und Medaillenkunde* 6 (1994) pp. 70-73.

1216 LAUTZ, THOMAS. Die Tragödie im Eis. Erinnerungsmedaille 1933 auf die Danmark-Expedition. *GN* 30 (1995) pp. 21-25.

1217 LITHERLAND, A.R. and SIMPKIN, B. T. *Spink's Standard Catalogue of British and Associated Orders, Decorations & Medals with valuations*. 6th ed. London, Spink 1990. 222 pp. illus. ISBN 0-907605-32-X.

This is a new edition of the well-known standard formerly written by E.C. Joslin.

(Joseph E. Boling)

1218 LOUWET, WALTER. Conrad Meit, medailleur van Filips van Bourgondië en Margareta van Oostenrijk. *RBN* 139 (1993) pp. 103-32 illus.

1219 LOUWET, WALTER. De portetpenning van Gerard Mercator door Simon de Passe [A portrait medal of Gerard Mercator engraved by Simon de Passe]. *Annalen van de koninklijke oudheidkundige kring van het Land van Waas* [Belgium] 97 (1994) pp. 159-70 illus.

1220 MARTIN GOMEZ, C.I. Medallas de proclamación del siglo XVIII en el Museo Municipal de Sevilla. *VIII Congreso Nacional de Numismática, Aviles 1992* (Madrid 1994) pp. 232-45.

1221 MEER, G. VAN DER. Twee zeldzame erepenningen in Teylers Numismatisch Kabinet. *Teylers Magazijn* 46 (1995) pp. 5-10.

A unique gold medal, given by the states of the province of Friesland to a newly-graduated student at Franeker University in 1785, and a very rare silver prize medal

awarded by an Art Academy at Groningen, both now in Teylers Museum, Haarlem, are discussed. (Author)

1222 MEERT, CHRISTIAN. La vue de Dinant en médailles. *CENB* 31 no.1 (1994) pp. 14-24 illus.

1223 MELLOR, F.W. Five 1922 Presidential medals for lifesaving. *NCirc* 101 no. 9 (Nov. 1993) pp. 319-20.

1224 MIRNIK, IVAN. Franjo M. Kares: The first Zagreb medallist. *The Medal* 26 (Spring 1995) pp. 46-49 illus.

Franjo M. Kares was born in Brnec in 1818 and went to Zagreb ca. 1860 or earlier. There he opened a medal engraving firm. His first signed medal dates to 1864. He died in Zagreb in 1889. Catalogued here are his medals for the Zagreb Exhibition of 1864, the Austrian emperor's visit to Croatia of 1869, the demilitarisation of Senj of 1872, the Teachers' Convention at Petrinja of 1814, and his Marija Bistrica pilgrimage medal. (Philip Attwood)

1225 MOLNÁR, JÓZSEF. Bányász Szolgálati Érdemérem [Miner's Service Medal for merit]. *AzÉrem* 1995/1 pp. 25-34.

The author presents a retrospective of the Miner's Service Medal for merit founded in 1956, touching upon details about some changes the medal has undergone. (Author)

1226 MULLALY, TERENCE. From medal to sculpture: A fresh delight in the work of Irene Chariatis. *The Medal* 26 (Spring 1995) pp. 66-69 illus.

Irene Chariatis is an interesting Greek sculptor and medallist, and also an art teacher, secretary-general of the Union of Greek Sculptors, and the Greek delegate to FIDEM. Discussed here are her Catastrophe (Destroyed Town) medals, the Border Guard medal of 1900, the Lavrion miners medal of the following year, and the ten-foot-high sculpture that has derived from it which is to be erected in the town of Lavrion. (Philip Attwood)

1227 MULLALY, TERENCE. Olszewska-Borys: A major medallist of our times. *The Medal* 26 (Spring 1995) pp. 70-81 illus.

Ewa Olszewska-Borys is an important medallist assured of a permanent place in the history of art. Born in 1939, she studied in Warsaw under Zofia Demkowska. Her first medals date to 1965. In 1974 she worked in Paris under Raymond Corbin. Since 1983 she has been the Polish delegate to FIDEM. She has received many awards and had numerous exhibitions. Several of the medals that have won for her an international reputation are discussed here. (Philip Attwood)

1228 NUIJTENS, M. Een penning op de vrede van Rijswijk door R. Arondeaux...anders gezien [A medal of R. Arondeaux for the peace treaty of Rijswijk...seen from a different angle]. *JEGMP* 1993 pp. 149-54.

The author identifies the different persons depicted on a medal commemorating the peace treaty of Rijswijk (1697) and engraved by R. Arondeaux.

(Johan van Heesch)

1229 NUIJTENS, M. *De hazenorde 1832-1914-1940 / L'ordre du Lièvre 1832-1914-1940*. MEDEC, Association de collectionneurs de décorations et médailles (Paasbloemstraat 81, Belgium- 2170 Merksem) nos. 1-5 (1993) 25 pp.

1230 OTTERDIJK, T. VAN. Vijf staande penningen voor Valkenswaard. *Beeldenaar* 16 (1992) pp. 146-51.

Jos Reniers made the new medals of the municipality of Valkenswaard; a list of his earlier medals is presented as well.

(Arent Pol)

1231 PALLEMANS, L. and R. VERREET. Antwerpen maritiem in medailles. *JEGMP* 1992 pp. 15-136 illus.

This contribution describes and illustrates all medals concerning the harbor of Antwerp (Belgium).

(Johan van Heesch)

1232 PHILIPPEN, JOS. Antwerpse devotiemedailles en religieuze gedenkpenningen [Religious medals from Antwerp (Belgium)]. *JEGMP* 1992 pp. 137-68.

1233 POLIVKA, E. Eine unbekannte Medaille mit der Ansicht von Karlovy Vary (Karlsbad) aus dem Beginn des 18. Jahrhunderts. T. Hackens *et al.*(eds.), *Proceedings of the XIth International Numismatic Congress* vol. 4 (Louvain-la-Neuve 1993) pp. 315-16.

1234 RAFF, ALBERT. Bemerkungen zu einer württembergischen Medaille aus Schwarzwaldsilber und einem Christophstaler Bergbautaler. *GN* 29 no. 164 (1994) pp. 294-96 illus.

Newly discovered archival sources concerning a Wurttembergian medal from 1739 show that it was struck from local mining silver. Furthermore, such sources correct the number of struck mining coins dated to 1740.

(Peter Ilisch)

1235 RAYMAN, JÁNOS. II. János Pál pápa magyarországi látogatásának pécsi érmei [The medals commemorating the Hungarian visit of Pope John Paul II issued in Pécs]. *AzÉrem* 1995/1 pp. 19-22.

1236 RICHARD, JEAN-CLAUDE. Bedarieux, le coup d'état du 2 décembre 1851 e les partis de l'ordre: une médaille locale de 1851-1852. *Bulletin de la Société Archéologique et Historique des Hauts-Cantons de l'Hérault (Bédarieux)* 17 (1994) pp. 121-54.

1237 SASSI NAGY, BÉLA. Törös Gábor nagybányai szobrászművész orvosi vonatkozású érmei [The medals of Gábor Törös, sculptor from Nagybánya, with medical bearing]. *AzÉrem* 1995/1 pp. 23-24.

1238 SCHNEIDER, KONRAD and GERD MARTIN FORNECK. *Die Medaillen und Gedenkmünzen der Erzbischöfen und Kurfürsten von Trier. Kataloge und Schriften des Bischöflichen Dom- und Diözesanmuseums Trier, vol. II.* Trier, Bischöfliches Dom- und Diözesanmuseum, 54290 Trier 1993. 150 pp. illus. ISBN 3-9802385-2-0.

All medals and commemorative coins of the archbishopric of Trier (16th to 18th centuries) are described and illustrated in enlarged photos. (Peter Ilisch)

1239 SCHULZKI, HEINZ-JOACHIM. Rache für 1689. Ein Beitrag zur Münzgeschichte der Stadt Worms. *Der Wormsgau, Wissenschaftliche Zeitschrift der Stadt Worms und des Altertumsvereins Worms e.V.* (Verlag Stadtarchiv Worms) 15 (1987/91) pp. 138-40 illus.

The author discusses a medal by P.H. Müller and F. Kleinert, also struck in wood, which relates to an English sea victory over France in 1692 and the bombardment of French channel towns in 1694. (Peter Ilisch)

1240 SELLWOOD, D. An Unpublished Medalet. *NCirc* 102 no. 2 (March 1994) p. 58 illus.

A medal relating to Iceland is illustrated. (Stephen Doolan)

1241 SENOVA, NAD'A. Kremnica: A town where medallists meet. *The Medal* 26 (Spring 1995) pp. 82-91 illus.

Since 1983 the Museum of Coins and Medals in Kremnica has organized biennial symposia for medallists. Since 1988 these symposia have been international events. Thirty-one medallists have so far participated, and around 300 medals have been created. The most recent symposium was held in the summer of 1994, and Pieter van Nieuwenhuizen (Holland), Paul Huybrechts (Belgium), Vija Mikáne

(Latvia), Jitka Jelínková (Czech Republic), and Mikuláš Palko (Slovakia) participated. The resulting medals are discussed. *(Philip Attwood)*

1242 SMOLDEREN, LUC. *Projet du peintre Louis David pour une médaille gantoise (1819)*. *RBN* 139 (1993) pp. 307-9 illus.

A pencil drawing of Louis David for a medal of the Royal Fine Art Society of Ghent (Belgium) and finally executed by the Belgian engraver Braemt, is published. *(Johan van Heesch)*

1243 SMOLDEREN, LUC. *Sine Cerere et Libero friget Venus—A propos de trois médaillons de Steven van Herwyck*. *RBN* 140 (1994) pp. 89-91 illus.

1244 SOUDIJN, K. *Dagboek van een opdrachtgever*. *Beeldenaar* 16 (1992) pp. 213-17.

The author reports on how a medal (by Jos Reniers) came into existence, from the first idea via discussions about terms and details to the final phase of technical realization, seen from the point of view of the person who commissioned the medal. *(Arent Pol)*

1245 SOUDIJN, K. *Een zilveren huwelijk in brons*. *Beeldenaar* 16 (1992) pp. 174-75.

A medal by Theo van de Vathorst on a 25th wedding anniversary is presented. *(Arent Pol)*

1246 STAHL, WERNER. *Ehrenzeichen der Arbeitsjubiläen europäischer Wirtschaftsunternehmen im 20. Jahrhundert. Exemplarisch dargestellt an einem Gasversorgungsunternehmen in Deutschland und der französischen Energiewirtschaft*. *GN* 30 (1995) pp. 52-56 illus.

1247 SZOLLÁTH, GYÖRGY. *Renner Kálmán érmei. II. rész [The medals of Kálmán Renner. Part 2]*. *AzÉrem* 1995/1 pp. 35-41.

1248 TAELEMAN, JULIAAN. *Gedenk- en historiepenningen van de kastelen en magistraat Kortrijk*. Brugge, 36 pp.

The author catalogues 17th and 18th century medals made by Jean, Philippe and Philippe-Louis Roettiers and struck at Kortrijk (Belgium) between 1679 and 1725; he also describes two medals of Philippe Roettiers, struck at Ghent (Belgium). *(Johan van Heesch)*

1249 TALVIO, TUUKKA. Henrik af Trollen mitali [A medal of H. af Trolle]. *Numismaattinen Aikakauslehti* 2 (1995) pp. 44-45 illus.

The medal commemorating the death of the Swedish General Admiral Henrik af Trolle in 1784 was designed by Admiral C.A. Ehrensvärd, who today is mainly remembered as a philosopher of art and a caricaturist. Unlike most neoclassical medals, the Trolle medal seems to have been directly inspired by ancient coins. It was distributed, either in silver or copper, to all who attended his memorial ceremony, including the rank and file of the navy. (Author)

1250 TEEUWISSE, J. and H. ROOSENBOOM. De Gay van der Meerpenning door Geer Steyn. *Beeldenaar* 16 (1992) pp. 208-12.

A medal by Geer Steyn is discussed and a list of his earlier medals is given.

(Arent Pol)

1251 TORDOIR, J. Les médailles de Sainte-Hélène. *Wavriensia* (Belgium) 42 no. 4 (1993) pp. 109-28.

1252 TOUSSAINT, JACQUES. La sculpture et l'art de la médaille. *Arts plastiques dans la Province de Namur 1800-1845* (Brussels 1993) pp. 57-88 illus.

1253 TOUSSAINT, JACQUES. Le coq, animal inspirateur des sculpteurs et des médailles. *Le coq du moyen-âge à nos jours* (Namur, Publication extraordinaire de la société archéologique de Namur 1993) pp. 31-42 illus.

1254 TRUSTED, MARJORIE. BAMS in Edinburgh. *The Medal* 26 (Spring 1995) pp. 96-97 illus.

The conference of the British Art Medal Society, held in Edinburgh in September 1994, is reviewed. The one-day conference on the reverse of the medal that preceded the BAMS event is also discussed, and the papers delivered at both events are summarized. A workshop on designing the reverse of a medal, led by Ron Dutton, is described. (Philip Attwood)

1255 TURCKHEIM-PEY, S. DE. Usage de la mythologie par les médailleurs du XVIII^e siècle. T. Hackens *et al.* (eds.), *Proceedings of the XIth International Numismatic Congress* vol. 4 (Louvain-la-Neuve 1993) pp. 309-14.

1256 VAGI, DAVID and IRA GOLDBERG. Barber, Dupré and the Great Seal. *The Numismatist* 108 no. 2 (Feb. 1995) pp. 178-84 illus.

The authors present a history of the Great Seal Centennial medal which featured an Eagle whose design was at least deeply inspired by the U.S. Diplomatic Medal engraved by Dupré in Paris. They explain that Barber had a brutally short lead time in preparing the medal, and using an existing model of Dupré's Eagle may have been a necessary expedient. *(Thomas Serfass)*

1257 VAN HEESCH, JOHAN, WILLY SCHUERMANS, and ROBERT LENAERTS. Napoleon op penningen [Napoleon on medals]. *Geschiedenis in de klas* 14 no. 42 (1993) pp. 27-31 illus.

The article contains a short general introduction on medals and a comment on four medals of Napoleon with a questionnaire for use in secondary schools. *(Authors)*

1258 VAN HOOFF, FRANÇOIS. Huldepenningen van het Russische keizerrijk aan het Belgische volk [Honorific medals of the Russian empire for the Belgian people]. *JEGMP* 1993 pp. 191-93.

The article concerns medals issued by the Russian numismatic society in 1914/15 to commemorate the Belgian allies in World War I. *(Johan van Heesch)*

1259 VAN LAERE, RAF. Enkele 19de-eeuwse prijsmedailles van de Diestse tekenacademie. *RBelArchHistArt* 62 (1993) pp. 131-42 illus.

The author describes 14 silver prize-medals made in the 19th century for the Academy of Arts at Diest in Belgium. The article also contains biographical notes and a typological study of those medals. *(Johan van Heesch)*

1260 VAN LAERE, RAF. Boekbanden en medailles, een verkenning in de 19de en 20st eeuw. *RBN* 139 (1993) pp. 310-20 illus.

This article discusses some examples of bookbindings decorated with images in relief of coins and medals. *(Johan van Heesch)*

1261 VANNEL TODERI, F. Le medaglie del Museo Statale d'Arte Medievale e Moderna di Arezzo. *Atti e Memorie dell'Accademia Petrarca di Lettere Arti e Scienze* n.s. 50 (1988) pp. 317-46 illus.

The author publishes 21 medals of various eras currently in the collection of the Museo di Arezzo. The pieces range from a portrait of Pisanello, the work of the engraver Marescotti, to an example from 1739, the work of Lorenzo M. Weber, depicting the entrance of Francesco III or Lorena into Florence. *(A. Carignani)*

1262 VOLZ, PETER. Unbekannte deutsche Schaumünzen des 16. Jahrhunderts, Teil II. *JNG* 42/43 (1992/93 [1994]) pp. 245-50 illus.

1263 WEBER, INGRID S. Ein Wachsabguß von Franz Anton Schega. *JNG* 42/43 (1992/93 [1994]) pp. 251-64 illus.

An unsigned portrait of red wax on slate recently acquired by the Munich coin cabinet undoubtedly is a work by Schega. It depicts Caspar Gregor von Lachenmeyer, electoral mint commissar and counsellor of mining. Although we know that Schega had designed a medal with features—so far unverified—we only knew a plaster cast of this piece, also in Munich. A medal by Schega of Antonius von Ehrnburg has a very close connection to two rather damaged plaster medaillons in the Bavarian National Museum in Munich, one of Albrecht VII, the other of Prince Johann Theodor, bishop of Regensburg, Freeising and Liège.

(Gerd Stumpf / Bernhard Overbeck)

1264 WESSEM, J.N. VAN. De penning als kunstwerk. *Beeldenaar* 16 (1992) pp. 170-73.

The author gives his impression of the medal as an art form. (Arent Pol)

1265 ZEITZ, LISA. Paul Wissmann, Künstler und Unternehmer 1872-1916, Leben und Wirken eines bedeutenden Pforzheimer Medailleurs. *GN* 30 (1995) pp.142-46 illus.

1266 ZIMMER, JÜRGEN. Die Neuburger Medaille von 1607. Materialien zum Verständnis eines unscheinbaren Kunstwerks. *Zeitschrift des Historischen Vereins für Schwaben* (Historischer Verein für Schwaben, Schaezlerstr. 25, Augsburg) 85 (1992) pp. 49-100 illus.

A cast medal noting the laying of foundation stone for the Lutheran church of Our Lady in Augsburg 1607, of which only two examples are known, is discussed. Comparison is made with a Bramante motif and the scaena magica. The question of the artist also is examined.

(Peter Ilisch)

1267 ZORICÁK, PETER. Jozef Reisner: An Austrian medallist in London and Kremnica. *The Medal* 26 (Spring 1995) pp. 53-57 illus.

Jozef Reisner (1859-1929) was born in Vienna, where he trained under Karl Radnitzky. From 1887 to 1892 he worked in London as assistant to Allan Wyon. He then went to Kremnica to work in the mint, and in 1912 became head of the engraving department. The medals he produced in London and Kremnica are of high quality, as the 150 or more examples in the Kremnica Mint's collection show. (Philip Attwood)

For additional references to Medals and Decorations, see the following abstracts:

General, Nos. 47, 48

Far East, Nos. 715, 722, 746

Great Britain and Ireland, No. 783

Western and Central Europe, Nos. 909, 937, 972, 1015, 1072

Eastern Europe and the Balkans, Nos. 1100, 1105

Tokens and Jetons, No. 1404.

PRIMITIVE MONEY

1268 CACCAMO CALTABIANO, MARIA and PAOLA RADICI COLACE. *Dalla premoneta alla moneta. Lessico monetale greco fra semantica e ideologia.* Pisa, ETS Editrice Studi e Testi di Storia Antia 1992. 218 pp. illus.

1269 NIJBOER, A. A pair of fixed metallic monetary units from Borgo Le Ferriere (Satricum). *NC* 154 (1994) pp. 1-16 illus.

The designation of fixed metallic monetary units is considered to be the most important stage in the early history of money. A discussion of this stage for Italy and Rome has always been hampered by the lack of published weight standards. The pair of fixed metallic monetary units from Satricum from the orientalizing period, being the so-called 'Roman-Oscan' pound and the 'Campanian' pound, can be related to other metrological evidence from the seventh century. Moreover, Votive Deposit I from Satricum, dated ca. 725-540 B.C., revealed the oldest pair of scales yet known from Italy. It seem likely that trade between the indigenous people and the Phoenicians or Greeks was to some extent regulated soon after their arrival in Italy. This is substantiated by an examination of the known weights and other units in combination with archaeological evidence for local production and commerce from both Pithekoussai and Satricum. (Author)

PAPER MONEY

1270 ABEZGAUZ, ALEX. The Russian Imperial Navy Ministry Scrip of 1866-1867. *IBNS* 33 no. 4 (Dec. 1994) pp. 14-19 illus.

Russian naval rations were provided by contractors in the mid-19th century; sailors had to buy their rations from their pay. Scrip used for this purpose is described and illustrated. The scrip was used to prevent corrupt captains from diverting the sailors' pay to liquor and gambling. (Joseph E. Boling)

1271 ANDHYARUJINA, ROINTON H. British India Uniface Bank Notes. *IBNS* 34 no. 1 (March 1995) pp. 24-26 illus.

Pointers are given on relative scarcities of several varieties of the title notes; the author feels that most are underpriced in today's market. (Joseph E. Boling)

1272 ARCHILLA-DIEZ, EFRAIN. Four-Note Sheet of 1815 Puerto Rican Spanish Treasury Notes Discovered. *IBNS* 33 no. 1 (Mar 1994) pp. 29-32 illus.

A sheet of 3 peso notes printed by Murray, Fairman, Draper and Co., Philadelphia, recently found in the papers of Segundo Ruiz-Belvis (1829-67), is presented. The author describes the circumstances of the creation of the notes and gives short biographies of Ruiz-Belvis and of the notes' signer, Alejandro Ramirez. (Joseph E. Boling)

1273 ARMEN, YOUSSEFI. Bahrain—The New Issue. *IBNS* 33 no. 1 (Mar 1994) pp. 10-13 illus.

A history of Bahrain is followed by descriptions of the five notes issued in 1993 by the Bahrain Monetary Agency, with special attention to the iconography of the designs. (Joseph E. Boling)

1274 BART, FREDERICK J. *Comprehensive Catalog of United States Paper Money Errors*. Port Clinton, Ohio, BNR Press 1994. 190pp. illus. ISBN 0-931960-39-8.

Over twenty different types of errors on U.S. large and small sized notes are presented, with hundreds of illustrations and extensive descriptions of the processes by which these errors occur and escape from the Bureau of Engraving and Printing. (Joseph E. Boling)

1275 BLOCK, DAVID. Notgeld Varieties. *NI* 30 no. 1 (Jan. 1995) pp. 18-22 illus.

Some notgeld issued by the Potsdam garrison is discussed and illustrated. (Joseph Uphoff)

1276 BOEGHEIM, L.M.J. Duits noodgeld op Schiermonnikoog. *Muntkoerier* 24/1 (Jan. 1995) pp. 4-5.

A very rare emission of emergency paper money issued by German authorities on the isolated Dutch island of Schiermonnikoog during World War II is presented. (Arent Pol)

1277 BOEGHEIM, L.M.J. Noodgeld van Tilburg. *Beeldenaar* 16 (1992) pp. 152-58.

The author discusses the emergency paper issue of Tilburg in 1944. (Arent Pol)

1278 BOLING, JOE and FRED SCHWAN. Military Currency of the Second World War. *IBNS* 32 no. 4 (Dec 1993) pp. 21-23 illus.

A portion of the forematter of a forthcoming book, this article defines the several types of military currencies that will be catalogued. (Author)

1279 BOTARELLI, FERRUCCIO. Paper Money in the Papal State. *IBNS* 33 no. 4 (Dec. 1994) pp. 20-26 illus.

Short histories of the Papal State (ended in 1870) and the Vatican City (founded in 1929) are presented, followed by descriptions of several types of paper money issued by banks and other institutions in the Papal State during the periods 1785-97 and 1834-70. The article concludes with an Italian-English glossary related to these issues. (Joseph E. Boling)

1280 BULLUSS, M.H.R. *The Hay Internment Camp Notes: A catalog of confirmed surviving specimens.* Sydney, Metropolitan Coin Club of Sydney 1994. 74 pp. illus. ISBN 0-646-18294.

Some thousands of non-combatant aliens were transported from Britain to Australia in 1940 on H.M.T. *Dunera*, and many were confined at Camp 7, Hay, where a short issue of circulating notes was produced. The notes and the circumstances under which they were produced are detailed (including less-familiar penny and three-pence notes), followed by a roll of those transported on the *Dunera*. (Joseph E. Boling)

1281 CAMPBELL, LANCE K. Chinese Customs Gold Unit Notes. *IBNS* 32 no. 4 (Dec. 1993) pp. 16-18 illus.

Notes denominated in customs gold units issued from 1930-1948 are listed by printer and signature variety. No relative rarity indications are given. (Joseph E. Boling)

1282 COLE, A.M. Assignats of the Polish Insurrection of 1794. T. Hackens *et al.* (eds.), *Proceedings of the XIth International Numismatic Congress* vol. 4 (Louvain-la-Neuve 1993) pp. 189-92.

1283 COLLINET, P. Le droit de timbre sur les billets de banque belges (de 1839 à 1862). *Vie num* 43 no. 8 (1993) pp. 272-75 illus.

1284 COLLINET, P. Circulation d'imprimés ayant l'apparence de billets de banque-interdiction. *Vie num* 43 no. 9 (1993) pp. 310-11.

1285 COLLINET, P. Les faux billets de banque. *Vie num* 43 no. 3 (1993) pp. 97-99.

The author discusses counterfeit Belgian banknotes from the first quarter of this century. (Johan van Heesch)

1286 COLLINET, P. Les faux billets de 1.000 francs. Type 1869 B. *Vie num* 43 no. 10 (1993) pp. 350-52.

The author discusses a counterfeit Belgian banknote of 1000 francs dating from 1919. (Johan van Heesch)

1287 COLLINET, P. Les faux billets de 100 francs. Type 1869 A. Type 1869 B. *Vie num* 43 no. 6 (1993) pp. 203-6.

1288 COLLINET, P. Les faux billets de 100 francs (Type 1921 - Série nationale). *Vie num* 43 no. 7 (1993) p. 243.

1289 COLLINET, P. Le Belga: unité monétaire de 1926 à 1946. *Vie num* 44 no. 10 (1994) pp. 306-17 illus.

1290 COLLINET, P. Les billets émis par la banque de Belgique. *Vie num* 44 no. 5/6 (1994) pp. 165-69 illus.

The author discusses the first Belgian bank notes issued in the first half of the 19th century. (Johan van Heesch)

1291 DAWES, C. The Development and Use of Banknotes in New Zealand from European Settlement 1814 to the Present Day. T. Hackens *et al.*(eds.), *Proceedings of the XIth International Numismatic Congress* vol. 4 (Louvain-la-Neuve 1993) pp. 215-18.

1292 DENAYER, A. L'assignat de 5 livres du 10 Brumaire de l'an II. *Vie num* 43 no. 2 (1993) pp. 59-63 illus.

1293 DENAYER, A. Les faux assignats. *Vie num* 32 no. 3 (1993) pp. 91-96.

1294 DIACZUN, DAN. USSR—The 15 Independent Republics (1990-3): A Numismatic Overview. *IBNS* 34 no. 1 (March 1995) pp. 27-28.

Lists of the new issues from the former Soviet states are provided for each of the years 1991-2-3. (Joseph E. Boling)

1295 DOTY, R.G. Recycling Artistic Capital: Security Printing and Silversmithing in Colonial America. T. Hackens *et al.*(eds.), *Proceedings of*

the XIth International Numismatic Congress vol. 4 (Louvain-la-Neuve 1993) pp. 171-84.

1296 DU QUESNE BIRD, N. Bills of exchange in the Channel Islands in 1694-97. *NCirc* 101 no. 7 (Sept. 1993) p. 238.

1297 FELLER, STEVE. Eight Unsolved Bank Note Mysteries. *IBNS* 34 no. 1 (March 1995) pp. 20-24 illus.

Several issues, mostly European scrip of various kinds, are presented with request for additional information from the readership. (Joseph E. Boling)

1298 FENGLER, HEINZ. *Geschichte der deutschen Notenbanken vor Einführung der Mark-Währung*. Regensauf, Heinrich Gietl Verlag 1992. 163 pp. illus. ISBN 3-924861-05-6.

Brief histories of about forty private note-issuing banks are presented, including information about their stock and note issues and statistics about the status of the private note issues at the time of the conversion to the national mark-standard.

(Joseph E. Boling)

1299 FISHER, JACK H. Where are the Regular Issue (not the Canceled and Specimen) 1927 Ten-Pound Palestine Currency Board Notes? *IBNS* 33 no. 1 (Mar. 1994) pp. 7-9 illus.

The extreme scarcity of the titled note is explored. In over thirty years' research the author has been able to verify only six notes, for which he gives the serial numbers.

(Joseph E. Boling)

1300 FISHER, JACK H. Influence of John Campbell Gordon, Seventh Earl of Aberdeen and Governor General of Canada, on Canadian Paper Money. *IBNS* 34 no. 1 (March 1995) pp. 13-15 illus.

The title is somewhat misleading. This is a biography of Gordon and his wife, which includes their portraits' appearing on a Canadian \$1 note. Gordon succeeded to the earlship following the untimely deaths of two older brothers; the author concludes that "no one could say that any other family member subsequent to his grandfather could have made better use of the title" to further the interests of the underprivileged and working classes.

(Joseph E. Boling)

1301 FISHER, JACK H. Levi Eshkol and the 1967 Check. *IBNS* 33 no. 4 (Dec. 1994) pp. 10-12 illus.

A personal check written in favor of Prime Minister Eshkol personally, to pay a debt to the State of Israel, is described and illustrated, followed by a biography of Eshkol and a description of two Israeli notes that memorialize him. (Joseph E. Boling)

1302 GARAMI, ERIKA. Kossuth Lajos 1860-61-es Londoni bankókibocsátása és pere [Lajos Kossuth's issue of banknotes in London in 1860-61 and his legal case]. *Századok* 129/2 (1995) pp. 407-45.

After the 1848/49 revolution Kossuth had to leave the country and organized the money issue in exile. In 1860-61 he planned 1-, 2-, and 5-Forint notes in London. As a consequence of the trial before the English Chancery against Franz Joseph, Emperor of Austria, the seventeen tons of notes were destroyed by fire in the Bank of England. Only a very few specimens survived. (Author)

1303 GARAMI, ERIKA. Parliamentary Debates about Banknotes in Hungary during the Napoleonic Wars. T. Hackens *et al.*(eds.), *Proceedings of the XIth International Numismatic Congress* vol. 4 (Louvain-la-Neuve 1993) pp. 193-96.

1304 GELDER, E. VAN. Ecu-papiergeld. *Muntkoerier* 22 no. 2 (Feb. 1993) pp. 21-22.

A well-executed bank note for 10 ECU, initiated and distributed by a renowned paper-making and trading firm as a New Year's gift to their customers and other relations for 1993, is presented. (Arent Pol)

1305 GELDER, E. VAN. Het opmerkelijke papieren noodgeld van Vaals. *Beeldenaar* 16 (1992) pp. 238-43.

Earlier this century, the small Dutch community of Vaals was fully dependent on the neighboring German city of Aix-la-Chapelle. When, after World War I, German inflation caused many troubles to Dutch employees of German factories, in 1921-23 a kind of emergency paper money was used as a means of giving the workers a supplementary income. (Arent Pol)

1306 GELDER, E. VAN. Het papieren noodgeld van de provincie Friesland uit 1940. *Muntkoerier* 21 no. 4 (April 1992) pp. 21-22.

The emergency paper money issued by the provincial authorities of Friesland in 1940 is discussed. (Arent Pol)

1307 GELDER, E. VAN. *Papier..om te roulleren voor en in stede van contant geld.* Zutphen 1990.

This is a popular survey of the history of paper money, with a strong emphasis on the situation in the Netherlands. (Arent Pol)

1308 GRANDT-NIELSEN, F. Local Notes Issued in Denmark and Schleswig-Holstein during the Napoeionic Wars 1807-1816. T. Hackens *et*

al.(eds.), Proceedings of the XIth International Numismatic Congress vol. 4 (Louvain-la-Neuve 1993) pp. 197-206.

1309 GROLLE, J.J. From Robin Redbreasts to Robin Redbreast: Development of Dutch Banknotes since 1814. T. Hackens *et al.*(eds.), *Proceedings of the XIth International Numismatic Congress vol. 4 (Louvain-la-Neuve 1993) pp. 211-14.*

1310 HARMON, WILLIAM R. The New Slovenian Bank Notes of January 15, 1992. *IBNS* 32 no. 4 (Dec. 1993) pp. 19-20 illus.

The six notes of the titled series are illustrated face and back with the men in the vignettes identified and their accomplishments summarized. *(Joseph E. Boling)*

1311 HEINONEN, ANTTI. Suomen setelityypit 1945-1957 [The emissions of Finnish banknotes, 1945-57]. *Numismaattinen Aikakauslehti* 2 (1995) pp. 35-43.

The article contains information on the banknote issues, their numbering, and their signatures. *(T. Talvio)*

1312 HESSLER, GENE. *The Engraver's Line: An Encyclopedia of Paper Money and Postage Stamp Art.* Port Clinton, Ohio, BNR Press 1993. 438 pp. illus. ISBN 0-931960-36-3.

Biographies of hundreds of security engravers, primarily American, and "family trees" of U.S. security printers are presented, including lists of the stamps, notes, certificates, and vignettes attributed to the most prominent engravers. This is a seminal work. *(Joseph E. Boling)*

1313 HEWITT, V.H. Applegath's Answers: Anti-forgery Note Designs for the Bank of England, 1818-1821. T. Hackens *et al.*(eds.), *Proceedings of the XIth International Numismatic Congress vol. 4 (Louvain-la-Neuve 1993) pp. 219-28.*

1314 HOFFMANN, DIETER, and JÖRG REICHENBERGER. *Das Notenbuch: Katalog der deutschen Banknoten ab 1874 (6th edition).* Regensburg, Heinrich Gietl Verlag 1992. 134 pp. illus. ISBN 3-924861-06-4.

Bank notes of the German government from the introduction of central note issues to the present are catalogued and valued, including colonial, military, European puppet and occupation governments, and the Deutsche Demokratische Republik. *(Joseph E. Boling)*

1315 HROCK, U.E.G. Nachträge zu "Geschichte des Hamelner Notgeldes." *GN* 29 (1994) no. 162 pp. 204-5 illus.

1316 HSÜ, I-TSUNG. Different Types of Design on Paper Money. *JEAN* 2 no. 1 (Jan.-Feb. 1995) pp. 85-86. In Chinese.

1317 HUIYUAN, Z. On Zhongzhou Peasant Banknotes. T. Hackens *et al.*(eds.), *Proceedings of the XIth International Numismatic Congress* vol. 4 (Louvain-la-Neuve 1993) pp. 255-57.

1318 HUSSEIN, MOHAMAD H. Music on World Paper Money. *IBNS* 34 no. 1 (March 1995) pp. 16-20 illus.

The virtues of music are extolled and a list of 35 banknotes with musical themes is presented. (Joseph E. Boling)

1319 INNEMANN, VOLKER. Gipssmodelle des Hammer Notgeldes von 1919. *NNb* 43 (1994) pp. 280-81 illus.

1320 ISTOMIN, MIKHAIL. Transdniester Moldavian Republic. *IBNS* 34 no. 1 (March 1995) pp. 29-30.

Emergency and transitional currencies used in the republic in 1994 are described. (Joseph E. Boling)

1321 KLEEGER, J.M. Particularism and Centralization in the Issuance of German Bank Notes in the Nineteenth Century. T. Hackens *et al.*(eds.), *Proceedings of the XIth International Numismatic Congress* vol. 4 (Louvain-la-Neuve 1993) pp. 229-34.

The author examines whether regional banknote issues in Germany served a useful purpose in counteracting local imbalances in the money supply. Regional banks are shown to have played a useful role in the depression of 1874-79, when they counterbalanced a Reichsbank monetary policy which was too restrictive. The great test case was the Saxon banking crisis of 1900-1901. The Reichsbank fulfilled its role as lender of last resort with great boldness and élan; the Sächsische Bank zu Dresden was weakened by the crisis and could not meet the challenge. Thus regional banks in the twentieth century provided little benefit, and they lost their note issuing rights after 1933, when the ruthless Hjalmar Schacht expanded the Reichsbank's power. (Author)

1322 KÖHEGYI, MIHÁLY. A papírpénz aránya az Osztrák-Magyar Bank forgalma alapján 1890-ben [The proportion of banknotes in the circulation of the Austro-Hungarian Bank in 1890]. *AzÉrem* 1995/1 pp. 9-11.

1323 KUPA, MIHALY. The First Hungarian Paper Money 1848-1849. *IBNS* 32 no. 4 (Dec. 1993) pp. 25-26 illus.

Notes and coins of the war of Hungarian independence (from Austria) under Lajos Kossuth are listed in detail (domestic issues; those issued outside Hungary are not listed). Included are forint-denominated interest-bearing treasury bills, notes of the Hungarian Commercial Bank, and state notes; pengo-denominated state treasury notes (small change issues); and krajczar- and ducat-denominated coins.

(Joseph E. Boling)

1324 KUPA, MIHALY. Obsidional Money in Occupied Italy, 1813-1848. *IBNS* 34 no. 1 (March 1995) pp. 40-41 illus.

Five issues of paper money related to sieges are described, three (Cattaro, Zara, Palmanova) from the Napoleonic period and two (Palmanova, Osoppo) from the revolutionary period.

(Joseph E. Boling)

1325 LEVIUS, HAROLD. Paper Money Chronicles of African History, Part 1—The Four-Hundred-Year Infamy. *IBNS* 33 no. 4 (Dec. 1994) pp. 27-31 illus.

Thumbnail descriptions of significant personalities and events in the exploration and exploitation of Africa are presented, with related paper money illustrations. The principal theme of this article is the slave trade.

(Joseph E. Boling)

1326 LEVIUS, HAROLD. Paper Money Chronicles of African History, Part 2—The Rhodesias and Nyasaland. *IBNS* 34 no. 1 (March 1995) pp. 10-12 illus.

The series continues with the history and related notes of southeast Africa. The author points out that the Boer War emergency postage stamp card money of Bulawayo, listed under South Africa in the Pick catalog, should be listed under Rhodesia.

(Joseph E. Boling)

1327 LIPS, HARRY. L'histoire des assignats. *Vie num* 44 no. 5/6 (1994) pp. 157-64 illus.

1328 MIXA, MIROSLAV. *Starosti s papírov mi pen zi SR za 2. sv tov é války: Díl 1. "Poukázky 1944" a r zná m nová opat ení* [Problems with Czechoslovak Paper Money during the Second World War. Part 1: "1944 money coupons" and various currency measures]. Hradec Kralove, eská Numismatická Spole nost Pobo ka v Hradci Králove 1987. 136 pp. illus. In Czech with English, German, and Russian summaries.

The preparation and issue of the Soviet liberation notes for Czechoslovakia are detailed.

(Joseph E. Boling)

1329 MIXA, MIROSLAV. *Starosti s papírov mi pen zi SR za 2. sv tové války: Díl 2. Československé státo vky a bankovky "Lond nské emise"* [Problems with Czechoslovak Paper Money during the Second World War. Part 2: Czechoslovak bank- and state-notes of the "London emission"]. Hradec Kralove, Česká Numismatická Spole nost Pobo ka Hradec Králove 1983. 208 pp. illus. In Czech with English, German, and Russian summaries.

Preparation of Czech notes in London during the war for post-war (1953) issue is described. The links between secret marks on the notes and serial numbers are explored. (Joseph E. Boling)

1330 SC NANBU PAPER MONEY RESEARCH OFFICE. *Nihon Shihei Shushu Tebikisho* [Japan Banknote Collectors' Handbook], vol. 1, *Shogaku Shihei hen* [Small Paper Money]. Chiba, the author 1990. 44pp. illus. In Japanese.

This ongoing series of "research notes" compiled by a study circle of about 30 members presents information about obscure varieties of common notes and new discoveries of uncommon notes. It covers all Japanese government and Bank of Japan issues from 1870 to the present, plus military issues, some issues of Japanese firms in Asia, private issues in Japan, and some information on coins. A few articles in earlier volumes are repeated with new information in later volumes. The volumes are produced on a desktop system and reproduced Xerographically, so the illustrations tend to be dark and lack detail, but the information is not available elsewhere. Volume 1 covers government note issues (as distinguished from Bank of Japan issues), with an article on errors and one on note production. (Joseph E. Boling)

1331 SC NANBU PAPER MONEY RESEARCH OFFICE. *Nihon Shihei Shushu Tebikisho* [Japan Banknote Collectors' Handbook], vol. 2. *Meiji Tsuho, Kokuritsu Ginko-ken hen* [Meiji Tsuho and National Bank Notes]. Chiba, the author 1991. 48 pp. illus. In Japanese.

Volume 2 includes the "princess" note series. (Joseph E. Boling)

1332 SC NANBU PAPER MONEY RESEARCH OFFICE. *Nihon Shihei Shushu Tebikisho* [Japan Banknote Collectors' Handbook], vol. 3. *Dakan Ginko-ken hen, Nihon Ginko-ken hen* [Convertible Notes and Bank of Japan Notes]. Chiba, the author 1991. 60 pp. illus. In Japanese.

Volume 3 covers Bank of Japan notes from 1885-1945. (Joseph E. Boling)

1333 SC NANBU PAPER MONEY RESEARCH OFFICE. *Nihon Shihei Shushu Tebikisho* [Japan Banknote Collectors' Handbook], vol. 4. *Nihon*

Ginko-ken "A-go shirisu" hen [Bank of Japan Series notes]. Chiba, the author 1991. 54 pp. illus. In Japanese.

Volume 4 covers the immediate post-war issues. (Joseph E.Boling)

1334 SC NANBU PAPER MONEY RESEARCH OFFICE. *Nihon Shihei Shushu Tebikisho* [Japan Banknote Collectors' Handbook], vol. 5. *Nihon Ginko-ken "B-go, C-go, D-go" shirisu hen* [Bank of Japan Series B, C, and D notes]. Chiba, the author 1991. 54 pp. illus. In Japanese.

Volume 5 covers 1950-date Bank of Japan issues. (Joseph E.Boling)

1335 SC NANBU PAPER MONEY RESEARCH OFFICE. *Nihon Shihei Shushu Tebikisho* [Japan Banknote Collectors' Handbook], vol. 6. *Jitsuroku: Nihon no Gumpyo* [Authentic Account of Japanese Military Currency]. Chiba, the author 1991. 88 pp. illus. In Japanese.

Volume 6 covers military issues from the Sei-nan rebellion through WWII. (Joseph E.Boling)

1336 SC NANBU PAPER MONEY RESEARCH OFFICE. *Nihon Shihei Shushu Tebikisho* [Japan Banknote Collectors' Handbook], vol. 7. *Jitsuroku: Nihon no Gumpyo (kohen)* [Authentic Account of Japanese Military Currency, part 2]. Chiba, the author 1993. 50 pp. illus. In Japanese.

Volume 7 includes additional articles about World War II military issues and the propaganda notes of the Gulf War. (Joseph E.Boling)

1337 SC NANBU PAPER MONEY RESEARCH OFFICE. *Nihon Shihei Shushu Tebikisho* [Japan Banknote Collectors' Handbook], vol. 8. *Nihon no Tokushu Shihei (zenhen)* [Unusual Japanese Notes, part 1]. Chiba, the author 1994. 66 pp. illus. In Japanese.

Volume 8 includes articles on airdropped leaflets, Japanese merchant notes in Russia, Blackiston, Marr, and Co., play money, training money, Bando camp notes, counterfeits, Unit 731 (the Japanese bacteriological research unit in Manchuria), and more. (Joseph E.Boling)

1338 SC NANBU PAPER MONEY RESEARCH OFFICE. *Nihon Shihei Shushu Tebikisho* [Japan Banknote Collectors' Handbook], vol. 9. *Nihon no Tokushu Shihei (kohen)* [Unusual Japanese Notes, part 2]. Chiba, the author 1994. 66 pp. illus. In Japanese.

Volume 9 includes articles on many subjects, including follow-up on volume 8 articles, coinage, military notes and tokens, Japanese counterfeiting of Chinese notes during World War II, etc. (Joseph E.Boling)

1339 NIEBOER, W.J. *Onze bevrijdingsbiljetten 1943-1945*. Groningen 1992.

The author discusses the treasury notes issued by the Dutch government in exile for circulation in the liberated Dutch territories, printed by the American Bank Note Company. (Arent Pol)

1340 PEAKE, HAROLD M. Australian Accidental Bank Notes 1991 & 1992. *IBNS* 33 no. 1 (Mar. 1994) pp. 14-18 illus.

An instance of \$10 notes with different signatures being consecutively numbered and included in the same issue group is presented, with an explanation of how this is most likely to have happened. Special uncut combinations of notes were included in this release. Considerable detail about how Australian notes are numbered is also presented. (Joseph E. Boling)

1341 PERSSON, S. A History of Palestinian and Israeli Paper Currency 1914-1989. T. Hackens *et al.*(eds.), *Proceedings of the XIth International Numismatic Congress* vol. 4 (Louvain-la-Neuve 1993) pp. 243-46.

1342 PICK, ALBERT. *Das Papiergeld Bayerns--Staatspapiergeld, Banknoten und Notgeld--Geschichte und Katalog*. Regenstauf, Heinrich Gietl Verlag 1989. 223 pp. illus. ISBN 3-924861-03-X.

A history of paper money in Bavaria is presented, with a catalog of issues including private banknotes, Bavarian government notes, quasi-official notes (issues of the Reichsbahn and Reichspost), notgeld of the 19th and 20th centuries, and POW/concentration camp notes. By far the bulk of the book is the Notgeld listings. (Joseph E. Boling)

1343 PICK, ALBERT and CARL SIEMSEN. *Das Lagergeld der Konzentrationslager und D.P.-Lager 1933-1947 (2. auflage)*. Regenstauf, Heinrich Gietl Verlag 1993. 68 pp. illus. ISBN 3-924861-09-9.

The titled scrip are listed and illustrated in detail, with an almost 60% increase over the listings of the first edition. The introduction and appendices are bilingual (German and English). (Joseph E. Boling)

1344 POSSELT, G. How Danish Banknotes were made, c. 1800 to 1945. A Presentation of rediscovered Original Material. T. Hackens *et al.*(eds.), *Proceedings of the XIth International Numismatic Congress* vol. 4 (Louvain-la-Neuve 1993) pp. 207-10.

1345 PROULX, CLAUDE. Cleaning Bank Notes. *IBNS* 33 no. 4 (Dec. 1994) p. 13.

A method of cleaning notes in better than very good condition is presented. See also the editorial response reiterating the *IBNS's* opposition to note cleaning on page 45 of vol. 34 no. 1.
(Joseph E. Boling)

1346 QINGXUAN, D. Xinjiang's Provincial and Kashi Notes of the Republic of China Period. T. Hackens *et al.*(eds.), *Proceedings of the XIth International Numismatic Congress* vol. 4 (Louvain-la-Neuve 1993) pp. 251-54.

1347 QUARMBY, ERNEST. *Banknotes and Banking in the Isle of Man 1788-1994: A guide for historians and collectors*. 2nd ed. London, Spink 1994. 231 pp. illus. ISBN 0-907605-51-6.

Many banking and bank note issues from the 18th century to the present are described, as well as government and internment note issues. This is a complete revision of the 1972 edition.
(Joseph E. Boling)

1348 RAYMOND, J.C. Use of the Vernacular in Geographic Names. *IBNS* 33 no. 1 (1994) pp. 34-5.

The author presents a case for using geographic names as spelled by the "natives," and a classification system for describing how close a native spelling comes to standard American/British usage.
(Joseph E. Boling)

1349 REICHSDRUCKEREI. *Das Deutsche Staatspapiergeld: als Handschrift gedruckt*. Berlin, Reichsdreuckerei 1901. Reprinted Regenstein, Heinrich Gietl Verlag 1993. 202 pp. illus. ISBN 3-924861-08-0.

Paper money of the 18th and 19th centuries of over twenty German city-states is presented, including discussion of the authorizing ordinances and the issue amounts. A supplement briefly covers the central government issues after 1870.

(Joseph E. Boling)

1350 ROCKHOLT, R.H. (ROCKY) and TOM CONKLIN. *United States Department of Agriculture Food Stamp and Food Coupon Program 1939 to 1990..* White Bear Lake, Minnesota, by the author 1993. 63 pp. illus.

Food coupon emissions from the 1939-1943 and 1961-present programs are presented, with extensive information about date- and series-related serial numbering systems, booklet compositions, printer-specific differences, methods of packaging and distribution, and other details not previously published.
(Joseph E. Boling)

1351 RODGERS, KERRY. World War II Canteen Coupons of the 22nd New Zealand Field Ambulance in the Pacific. *IBNS* 33 no. 4 (Dec. 1994) pp. 6-10 illus.

Two notes issued by the 22nd Field Ambulance in New Caledonia are described, with a brief history of the organization that issued them. (Joseph E. Boling)

1352 SALEM, FARID. First Issue of Namibia Dollars. *IBNS* 34 no. 1 (March 1995) pp. 42-43 illus.

Three notes (N\$10, N\$50, N\$100) of the first issue of a new currency are described. The Namibian dollar (N\$) now circulates with the South African rand. (Joseph E. Boling)

1353 SANDROCK, JOHN E. Some Previously Unlisted Bank Notes of the German Independent States. *NI* 30/3 (March 1995) pp. 60-65 illus.

1354 SCHAAP, C.D. and A. VAN VLIET, eds. *Vals geld bestrijding*. Lochem 1991 (Studiereeks Recherche 1).

The suppression of false paper money and coins, articles on the importance of bank notes for payments, paper as raw material for bank notes and falsifications, suppression of production and circulation of false coins since 1921, and the protection of legal currency with the help of the penal code are discussed. (Arent Pol)

1355 SCHÖNE, MICHAEL H. *Das Papiergeld im besetzten Deutschland 1945 bis 1949*. Regenstauf, Heinrich Gietl Verlag 1994. 272 pp. illus. ISBN 3-924861-10-2.

Currency issues of the occupying powers are presented in detail, together with listings, down to minor varieties, of thousands of emergency emissions from every level of government, private firms, military bases, and displaced persons camps. This is the definitive work to date. (Joseph E. Boling)

1356 SCHROCK, U.E.G. Nachträge zu "Geschichte des Hamelner Notgeldes." *GN* 29 no. 162 (1994) pp. 204-205 illus.

1357 SENGAR, NARENDRA S. Government of India World War II Five-Year, Interest-Free Prize Bonds. *IBNS* 32 no. 4 (Dec. 1993) pp. 27-28 illus.

Lottery bonds issued in 1944 are presented, including the political and ethical discussions within the government leading to a decision to issue non-interest-bearing "bonds" that ought to have been called lottery tickets. These are much the scarcest of the many bonds issued by the Indian government to help finance World War II. (Joseph E. Boling)

1358 SHARGHI, A. The 700th Anniversary of the First Issuance in Persia of Paper Money. *IBNS* 33 no. 1 (Mar. 1994) pp. 18-20.

The circumstances and results of the issue of paper money in October 1294 are presented. The notes (of which none are known extant) are described in contemporary documents as being virtually identical to the Ming Dynasty Chinese notes, both in fabric and inscriptions. The Persian experiment lasted less than a week; the disruption of the economy created by forced issue of notes caused the implementing decree to be rescinded and the notes to be recalled. (Joseph E. Boling)

1359 SMIESZCHALA, ALFRED. Die Kleingeldkrise im Jahre 1947/48. *Warendorfer Schriften* (Heimatverein Warendorf e.V.) 21-24 (1991-94) pp. 456-58 illus. ISBN 3-87716-902-3.

Archival local sources concerning the shortage of coinage are discussed and a paper token of 5 pfennigs issued by three shops in common is dated to 1948 following the currency reform. (Peter Ilisch)

1360 SYMES, PETER. Security Features in World Bank Notes. *IBNS* 32 no. 4 (Dec. 1993) pp. 5-15 illus.

Security devices used in bank notes over the past 1200 years are presented, including paper types, watermarks, embossing, counterfoils, embedded fibers, security threads, printing techniques, use of color, optically variable inks, magnetic inks, fluorescent inks, perfect registration and counter registration, latent images, micro printing, intentional mistakes, serial numbering techniques, optically variable devices, and even the simple printed warnings to counterfeiters. The author points out that security devices exist at at least three levels: those that the public is informed of, those that are revealed only to banking institutions, and those that remain known only to the note issuers. (Joseph E. Boling)

1361 SYMES, PETER. The Bank Notes of Saudi Arabia. *IBNS* 33 no. 1 (Mar. 1994) pp. 28 illus.

The history of Saudi note issues is presented, followed by descriptions of all notes, beginning with the 1953 "pilgrim receipts." All inscriptions are translated, vignettes identified, and security features described (including fluorescent inks and latent images). (Joseph E. Boling)

1362 SYMES, PETER. Kirkwood & Sons—Copper-Plate Engravers. *IBNS* 34 no. 1 (March 1995) pp. 31-39 illus.

A history of the Kirkwood firm's members, who engraved about one-third of the banknote plates used in Scotland between 1782-1830, is given, with a list of all known notes (over 65 issues) that they produced. The firm was unable to make the transition to steel plate engraving that banks demanded. (Joseph E. Boling)

1363 TẠ CHÍ ĐÔNG HẢI and ĐẠ NG VAN KHOA. *100 Years of Vietnamese Paper Currency*. Ho Chi Minh City, Ho Chi Minh City Philatelic Assn. 1994. 240 pp. illus. Parallel text in Vietnamese, French, Chinese, and English.

Notes of the *Banque de l'Indochine*; the *Institute d'Emission des Etats du Cambodge, du Laos et du Viet-nam*; the Republic of Vietnam; the Democratic Republic of Vietnam; the Central Committee of the South-Vietnamese Liberation Front; and the Socialist Republic of Vietnam (except currently-circulating notes) are presented, with a few ancillary coins. Many seldom-seen Communist issues are included; there is no attempt to present varieties of notes of the French period, though some rare pieces are included. (Joseph E. Boling)

1364 THIEDE, H.W. Das private Papiergeld des Dr. Arthur Lutze, der "Lutze Thaler" aus Anhalt-Köthen. T. Hackens *et al.*(eds.), *Proceedings of the XIth International Numismatic Congress* vol. 4 (Louvain-la-Neuve 1993) pp. 87-90.

1365 TORTELLA, T. The First Banknotes Issued in Spain: Banco Nacional de San Carlos (1782-1829). T. Hackens *et al.*(eds.), *Proceedings of the XIth International Numismatic Congress* vol. 4 (Louvain-la-Neuve 1993) pp. 185-88.

1366 TURRO, A. Un billet local català inédit. *GacNum* 116 (1995) p. 59.

1367 UEMURA, TAKASHI. *Osatsu no Bunka-shi: Pictorial Encyclopedia of Paper Currencies*. Tokyo, NTT Publishing, Ltd. 1994. vi + 318 pp. ISBN 4-87188-316-7. In Japanese.

100 brief articles (2-3 pages) present various aspects of paper money, from its own history to its influence on history; designs and technology used for its manufacture; and aspects of collecting. (Joseph E. Boling)

1368 VERBIST, L. Generaal Lazare Carnot en de Antwerpse noodmunten van 1814 [General L. Carnot and the emergency issues of Antwerp in 1814]. *JEGMP* 1992 pp. 169-80.

1369 VERHASSELT, J. Billets de nécessité dans les territoires occupés par l'Armée allemande en 1914-1918. Application de la Convention de La Haye, 1907. T. Hackens *et al.*(eds.), *Proceedings of the XIth International Numismatic Congress* vol. 4 (Louvain-la-Neuve 1993) pp. 235-42.

1370 VERKOOYEN, J.M.H.F.M. *Catalogus van het noodgeld van de Eerste Wereldoorlog en het Interbellum*. Maastricht 1994.

A catalogue of local emergency paper money, issued by municipal authorities and commercial firms in the Netherlands during and after World War I, is presented.

(Arent Pol)

1371 VERKOOYEN, J.M.H.F.M. *Catalogus van plaatsvervangende biljetten van Nederland/Catalogue of replacement notes of the Netherlands*. Maastricht 1993.

The author provides a catalogue of bank notes of normal type but deviant numbering, used as replacement for notes not brought into circulation because of technical deficiency.

(Arent Pol)

1372 VINKENBORG, H.A. *Het noodgeld van Doetinchem. Kronijck van Deutekom en Salehem* 15 (1991) p. 127.

Municipal emergency notes of Doetinchem from 1940 are discussed. (Arent Pol)

1373 WAERZEGGERS, RENE. *Bemerkingen betreffende het Antwerps noodgeld van 1814* [Some remarks concerning the emergency issues of Antwerp in 1814]. *JEGMP* 1992 pp. 181-94.

1374 WANG, CHIEN-YU. Shanghai Numismatic Society 10th Anniversary "Notes." *JEAN* 2 no. 1 (Jan.-Feb. 1995) pp. 80-84 illus. In Chinese.

Souvenir notes printed by the Shanghai Banknote Printing Plant to commemorate the 10th anniversary of the Shanghai Numismatic Society are presented. Four notes were printed, with a common face (in different colors), and backs showing Shanghai landmarks (one of which is the printing plant where the notes were prepared).

(Joseph E. Boling)

1375 WU, CHOU-ZHONG and SHI-CHANG YE, eds. *Zhongguo Lidai Huobi Daxi #7: Qing Zhibi* [Chinese Currency Through the Ages, Vol 7: Qing Paper Money]. Shanghai, Shanghai Book Publishing Co. 1993. 726 pp. illus. ISBN 7-80569-569-5/K-67. In Chinese.

Over 800 government, commercial, private, and foreign bank notes of the Qing dynasty are illustrated and described. This is the fourth volume published of a projected twelve-volume series.

(Joseph E. Boling)

1376 WU, ZHEN-QIANG et al. *Dong shan sheng Guan yin hao Fong piao* [Provincial Bank of Manchuria Notes]. Shenyang, Liaoshen(?) Publishing 1992. 431 pp. illus. ISBN 7-80507-0105-5/F3. In Chinese.

The note issues of the Bank of Manchuria, under its many pseudonyms, as well as those of several other banks in Manchuria, are presented, with supporting ordinances, tables of issue quantities by date and branch, and much other detail. Some of the reproduced documents are too faint to read. (Joseph E. Boling)

1377 YANG, LIEN-SHENG. The Form of the Paper Note Hui-tzu of the Southern Sung Dynasty. *JEAN* 2 no. 2 (March-April 1995) pp. 26-30 illus.

Legal depositions dating from the 12th century are translated with commentary to derive partial descriptions of government paper money circulated by the Sung dynasty. (Joseph E. Boling)

1378 YANG, YONG WEI, ed. *Hua Zhong Yinhang-bi* [Currency of the Bank of Central China]. Shanghai, Shanghai Educational Publishers 1994. 146 pp illus. In Chinese. ISBN 7-5428-0900-8/G-751.

Color illustrations of the faces and backs of all known notes are supplemented by a review of the bank's operations (1944-49). (Joseph E. Boling)

For additional references to Paper Money, see the following abstracts:

Far East, No. 738

Western and Central Europe, Nos. 864, 1015

Eastern Europe and the Balkans, No. 1099.

TOKENS AND JETONS

1379 BARCLAY, C. and H.A. PATCHING. *A Handlist of Tokens in the Yorkshire Museum: Yorkshire Tokens*. York 1994.

1380 BARCLAY, C. and H.A. PATCHING. *A Handlist of Tokens in the Yorkshire Museum: Bedford-Lincolnshire*. York 1994.

1381 BEEK, B. VAN. De rekenpenningen van Kleef-Ravenstein. *Catalogus 100. Jubileumcatalogus: 25 jaar Holleman-Munten* (Enschede 1994).

Counters of Kleve-Ravenstein dating from 1453-1525 are discussed. (Arent Pol)

1382 BOEGHEIM, L.M.J. Gaspenningen, dames! De zinken gas- en electriciteitsmunten uit 1942. *Muntkoerier* 22 no. 2 (Feb. 1993) pp. 16-19.

The withdrawal of 'strategic metals' such as copper and silver from Dutch circulation during World War II also had repercussions for the use of gas and

electricity meters. New zinc coins were put into circulation in 1941 and at the same time zinc gas and electricity tokens were introduced. Although many municipalities already had their own tokens, a common design and shape was developed, the production being coordinated by the Ministry of Finance. (Arent Pol)

1383 BOON, GEORGE C. Harty dvbble tokens. *NCirc* 100 no. 10 (Dec. 1992) pp. 345-46 illus.

The first Welsh heart-shaped token (of Charles Lloyd of Newtown, 1669) is published and discussed. (Edward Besly)

1384 BRAND, J.D. Down on the farm: hop tokens. *Coin News* (formerly *CMN*) Oct. 1991 pp. 52-54 illus.

The English tokens paid to hop-pickers in Kent and Sussex are discussed with particular attention to style. The article contains a bibliography. (R.H. Thompson)

1385 CARRADICE, IAN. Alexander Henderson and an early Scottish communion token. *NC* 154 (1994) pp. 218-23 illus.

This paper re-examines the evidence for the identification of an early Scottish communion token (L/MAH in monogram) with Alexander Henderson, minister at Leuchars, 1612-39. The Leuchars Kirk Session records are considered, and the conclusion is that the identification can be supported, making this one of the earliest tokens known. (Author)

1386 COLLINET, P. Faux jetons monétaires de 50 centimes, 1 et 2 francs. *Vie num* 43 no. 1 (1993) p. 8.

1387 DE LEY, J. De belastingpenningen van Belgisch Congo [Tax tokens of Belgian Congo]. *JEGMP* 1993 pp. 25-54 illus.

1388 DELGRANGE, D. Jetons officiels des Pays-Bas du Sud. XV^e-XVII^e siècles. La tradition du jeton de compte et d'étrennes d'après les archives de la Chambre des Comptes de Lille. T. Hackens *et al.*(eds.), *Proceedings of the XIth International Numismatic Congress* vol. 4 (Louvain-la-Neuve 1993) pp. 261-71.

1389 DENAYER, A. A propos d'un ancien jeton des receveurs bruxellois. *Vie num* 43 no. 4 (1993) pp. 128-30.

1390 DICKINSON, M.J. Two apparently unrecorded 17th century tokens. *NCirc* 101 no. 5 (June 1993) pp. 157-58 illus.

These are tokens of Robert Croxson, Kent St., Southwark, and Ralph Saxon of Betley, Staffs. (Edward Besly)

1391 DU QUESNE BIRD, N. Tokens of 16th and 17th century Salisbury. *NCirc* 100 no. 3 (April 1992) pp. 83-84.

1392 DU QUESNE BIRD, N. West Country goldsmiths, tokens and badges, 1571-1664. *NCirc* 100 no. 6 (July 1992) pp. 191-92 illus.

1393 DU QUESNE BIRD, N. A Guernsey token of 1940-45. *NCirc* 100 no. 9 (Nov. 1992) p. 304 illus.

The author publishes a card token for beer, apparently the only genuine Guernsey token of the period. (Edward Besly)

1394 DU QUESNE BIRD, N. Irish silver tokens in Guernsey, 1813-1830. *NCirc* 101 no. 1 (Feb. 1993) p. 11.

1395 DU QUESNE BIRD, N. Tokens, medals and badges by West Country goldsmiths and clockmakers. *NCirc* 101 no. 4 (May 1993) pp. 115-16.

1396 FAUVER, BENJAMIN. An introduction to reckoning counter literature: part I. *NLR* 1 no. 2 (March 1995) pp. 5-7 illus.

Rather than literature, this article introduces the theory and use of reckoning boards and jetons, which are devices used for arithmetic manipulation, especially in non-decimal counting systems (such as Roman numerals). (Joseph E. Boling)

1397 HENCKÈS, J. and J. LABROT. Les jetons de Tournai et de Nuremberg: approche comparative et évolution. T. Hackens *et al.*(eds.), *Proceedings of the XIth International Numismatic Congress* vol. 4 (Louvain-la-Neuve 1993) pp. 291-302.

1398 HOLMES, N. A Hoard of Jetons from Spynie Palace, North-East Scotland. T. Hackens *et al.*(eds.), *Proceedings of the XIth International Numismatic Congress* vol. 4 (Louvain-la-Neuve 1993) pp. 273-76.

1399 HU YOU-WEN. *Shanghai Tan Daijiabi* [Shanghai Tokens]. Shanghai, Shanghai Numismatic Association 1991. 139pp. illus. In Chinese.

168 metallic and two paper tokens of Shanghai merchants, dating from the 19th century, are presented with descriptions of the establishments that issued them.

Volume 1 of a series planned to celebrate the 700th anniversary of the foundation of Shanghai. (Joseph E. Boling)

1400 KENIS, YVON. Deux jetons d'étrennes de Charles de Lorraine au millésime 1755. *RBN* 140 (1994) pp. 91-95.

1401 KOFOPOULOS, SAVAS K. The Numismatic Collection of the Church of Taxiarchis in Asomatos. *NomKhron* 13 (1994). In Greek, with full English translation.

The author looks at the token money of the island of Lesbos in the late 19th and early 20th centuries. (Anastasios P. Tzamalīs)

1402 MACKENZIE, KENNETH. Two Turkish Tokens from Adana. *NI* 30 no. 1 (Jan. 1995) pp. 16-17 illus.

Tokens issued by cotton factories in Adana, Turkey, are discussed and illustrated. (Joseph Uphoff)

1403 MALEHORN, MERLIN K., and TIM DAVENPORT. *United States Sales Tax Tokens and Stamps: A History and Catalog*. Bryantown, Maryland, Jade House Publications 1993. xiii+390 pp. illus. ISBN 0-942596-05-6.

State and local sales tax tokens of the 1930s through 1960s are catalogued, with related items (such as packaging materials, anti- and pro-tax tokens and buttons, tax exemption materials, souvenirs, replicas, fantasies, and patterns). (Joseph E. Boling)

1404 McFADDEN, ROGER R., JOHN GROST, and DENNIS F. MARR. *The Numismatic Aspects of Leprosy: Money, Medals, and Miscellanea*. no place given, D.C. McDonald Associates 1993. 167 pp. illus.

Tokens (metallic and paper) used in leprosariums of fourteen nations are presented, along with about 125 medals and exonomia items related to the subject. Considerable historical background accompanies the listings. (Joseph E. Boling)

1405 MELGAR, ERNESTO. El Salitre Peruano y sus Fichas Salitreras. *Numismática* (Lima) 35 (1984) pp. 25-32; 36 (1984/5) pp. 20-28. *Las Fichas y su Historia* 39 (1990) p. 5; 40 (1991) pp. 12-15; 41 (1992) pp. 14-19 illus.

This is a series of articles on Peruvian tokens and their historical background. (K.A. Dym)

1406 NIYOGI, ROMAN. Two New Religious Tokens. *NumDigest* 16 (1992) pp. 132-35 illus.

A silver-plated token depicting Ramasabha on one side and Rama, Lakshman and Hanuman on the other and a copper token having a yantra design are published. On the basis of style, Madras or an adjoining region is suggested as the place of origin for the former while the latter is placed in the eastern part of North India.

(Amiteshwar Jha)

1407 NORTH, J.J. Marks in the field of 'portrait' jettons of Edward I, II, and III. *NCirc* 100 no. 2 (March 1992) p. 45 illus.

1408 NORTH, J.J. Sun or stars? *NCirc* 100 no. 3 (April 1992) p. 83 illus.

The author discusses symbols on an Edward I jeton.

(Edward Besly)

1409 NORTH, J.J. Sterling Portraits on the Jetons of Edward I, II, and III. *NCirc* 102 no. 1 (Feb. 1994) pp. 4-5 illus.

1410 NUIJTENS, MARCEL. *De brandspuitpenningen voor de Noord- en Zuidelijke Nederlanden* [Tokens from fire brigades of the Northern and Southern Low Countries]. Author: Boomforeeststraat 39, Belgium 8870 Izegem, 1994. 70 pp. illus.

1411 SCHENKMAN, DAVID. Tokens of the Southern Textile Mill Industry. *TAMSJ* 34 no. 5 (Oct. 1994) front cover and pp. 173-85 illus.

A well-researched introduction to the world of textile manufacture after the Civil War precedes the actual description of the various types of tokens. While most were scrip tokens to be used in company stores, there were also "production tokens" representing tasks completed which would then be redeemed for cash at some point. There were also some dedicated "good for" tokens, whether the subject was ice or Coca Cola or food. Other items of interest, such as the substitution of fibre for metal during wartime and counterfeiting are discussed. Major token makers, the usual composition, and denominational information also are included.

(Thomas Serfass)

1412 SCHIAFFINO, JOSÉ ANTONIO. *Las Fichas Peruanas*. Lima-Peru, 2nd ed. 1984. 111 pp. (Author's address: c/o Museo Numismático del Banco Wiese Ltda., Cuzco 245, Lima 1, Peru.)

This is a basic listing of 1,065 Peruvian tokens.

(K.A. Dym)

1413 SHARPLES, JOHN P. A Catalogue of the Trade Tokens of Victoria, 1848 to 1862. *JNAAus* 7 (Dec. 1993) pp. 1-77.

The die varieties of the tokens issued in the Colony of Victoria are re-assessed and listed by town of issue. Pieces known to the author only by late strikes, and varieties not confirmed by the author, are not listed. A relative chronology of issues

struck by Stokes, based on technical developments at this mint, is offered. Most die varieties are illustrated. (Author)

1414 STANTON-COURTNEY, Y. The Distribution of Nineteenth Century Public House Tokens in Britain: an Explanation. T. Hackens *et al.*(eds.), *Proceedings of the XIth International Numismatic Congress* vol. 4 (Louvain-la-Neuve 1993) pp. 317-20.

1415 THIER, BERND. Wertmarken aus der Fahnenfabrik Bernhard Richter in Köln. Hinweise zur Identifizierung und zu den Herstellungspreisen. *NNb* 29 (1994) pp. 289-91 illus.

1416 THOMPSON, R.H. An addition to the Derbyshire series of Seventeenth-century tokens. *NCirc* 100 no. 7 (Sept. 1992) p. 228 illus.

A token bearing a pickaxe head and naming Francis Bennit in GRINLO is reattributed from Greenlow Heath, Lancastershire, to Grindlow in Derbyshire.

(Author)

1417 THOMPSON, R.H. The Royal Exchange on seventeenth-century tokens. *NCirc* 101 no. 3 (April 1993) pp. 78-80 illus.

It is suggested that the founder of Spink's did not work in the Royal Exchange, but was possibly related to a 1657 token-issuer. Representations of the first Royal Exchange building on tokens of London, Great Yarmouth and Ludlow are identified and discussed.

(Author)

1418 THOMPSON, R.H. and M. DICKINSON. Norweb Tokens Part IV: Reclassification of a Type. *NCirc* 102 no. 1 (Feb. 1994) p. 6 illus.

1419 THOMPSON, R.H. A Much Travelled Stepney Baker's Token. *NCirc* 102 no. 3 (April 1994) p. 105 illus.

1420 THOMPSON, R.H. The Monetisation of the English Economy as documented by Seventeenth-Century Tokens. T. Hackens *et al.*(eds.), *Proceedings of the XIth International Numismatic Congress* vol. 4 (Louvain-la-Neuve 1993) pp. 277-90.

1421 THYS, MICHEL. Le jeton de la cour souveraine de Bouillon. *Vie num* 44 no. 7 (1994) pp. 192-97 illus.

1422 VAN LAERE, RAF. Maastrichter loodjes [Lead tokens of Maastricht (The Netherlands)]. *RBN* 139 (1993) pp. 328-32 illus.

Nine lead tokens found at Maastricht are described. Some of them are imitations of medieval coins. *(Johan van Heesch)*

1423 YARWOOD, JOHN F. *NAAFI Numismatics*. Horsham, Victoria, Australia, by the author 1993. 15 pp. illus.

The most complete compilation of British Navy, Army, and Air Force Institutes (NAAFI) tokens and chits yet published is presented, including collateral philatelic material and non-denominated tokens for the Suez Crisis. Manufacturers and mintages are included for most issues. *(Joseph E. Boling)*

For additional references to Tokens and Jetons, see the following abstracts:

Roman, No. 402

India and South Asia, No. 670

Far East, No. 745

Western and Central Europe, No. 972

Eastern Europe and the Balkans, No. 1099.

REVIEWS

ACQUARO, E., ed. *Monete Puniche nelle Collezioni Italiane. Parte I.* Rome 1989. Rev. P. Visonà, *NC* 154 (1994) pp. 304-6.

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- DOUBLEDAY, GORDON VINCENT (1914-1993). *BNJ* 63 (1994) pp. 163-64.
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- SEABY, WILFRID A. (1910-1991). *NCirc* 100 no. 1 (Feb. 1992) p. 8.
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HOARD LIST

References are cited by abstract numbers to publications describing hoards. Hoards are filed by contents, not by find spot. The subject headings are the same as those in the text.

General, Nos. 20, 32

Greek, Nos. 99, 100, 110, 111, 119, 159, 160, 161, 162, 163, 165, 166, 167, 168, 173, 201, 215, 243, 244, 260, 272, 274, 288, 301, 304, 317

Roman, Nos. 322, 324, 326, 335, 340, 344, 348, 359, 360, 367, 368, 377, 378, 387, 396, 397, 415, 416, 434, 437, 443, 450, 465, 478, 480, 488, 499, 503, 504

Byzantine, Nos. 526, 537, 546

Near and Middle East, Nos. 561, 575, 582, 595, 599

India and South Asia, Nos. 609, 640, 645, 668, 685, 691

Great Britain and Ireland, Nos. 757, 758, 759, 761, 785, , 790, 791, 792, 806, 820, 828, 830

Western and Central Europe, Nos. 868, 876, 877, 878, 896, 908, 909, 922, 941, 946, 968, 970, 971, 991, 997, 1001, 1005, 1021, 1025, 1045, 1048, 1051, 1054, 1056, 1080, 1083, 1084, 1085, 1096

Eastern Europe and the Balkans, No. 1111

SUBJECT INDEX

The references in this index are derived from the abstracts, and should not be regarded as an index of the original publications. Citations are to abstract numbers. The following abbreviations are used: cent. for century, num. for numismatic, coll. for collection.

- Abbasid coinage 574
 Achaemenid coinage 242
 aes rude 382
 Africa, North, ancient 98
 Agathocles 179
 Aksum 181, 213, 214, 567, 796
 Alexander the Great 138
 Alexander Jannaeus 113
 Anglo-Saxon coinage 517, 530,
 764, 769, 772, 776, 789, 796,
 817, 819, 832, 868, 942
 Antigonos, Mattathias 107
 Antiochus VI 206
 Antony, Marc 381, 384
 Apollonia 289
 Arabia, ancient 152
 Assandria, Giuseppe 67
 Athens - coinage 131, 132, 141,
 142, 270
 Attalids 104
 Australia - paper money 1280,
 1340; tokens 1413
 Austria - coinage, medieval and
 modern 925, 1001; coin finds
 842, 1001; medals 1211, 1267;
 paper money 1302, 1322
 Bactria 171, 241, 259
 Bahrain - paper money 1273
 Baur, Heinrich 15
 Belgian Congo 1387
 Belgium - bibliographies 71, 72;
 coinage 59, 139, 864, 876, 877,
 878, 882, 886, 887, 900, 901,
 902, 903, 904, 905, 906, 907,
 908, 910, 911, 929, 930, 931,
 932, 933, 935, 944, 945, 946,
 958, 994, 997, 1010, 1011,
 1012, 1015, 1025, 1084, 1085;
 coin finds 71, 376, 377, 378,
 413, 414, 415, 416, 417, 418,
 420, 421, 426, 497, 499, 501,
 502, 503, 504, 505, 506, 534,
 863, 909, 916, 917, 999, 1000;
 coll. 139; forgeries 887, 888;
 medals 71, 1172, 1175, 1176,
 1177, 1178, 1182, 1188, 1189,
 1190, 1192, 1193, 1198, 1218,
 1219, 1228, 1229, 1231, 1232,
 1242, 1243, 1248, 1251, 1252,
 1253, 1258, 1259, 1260; paper
 money 1283, 1284, 1285, 1286,
 1287, 1288, 1289, 1290, 1292,
 1293, 1368, 1373; Société
 Royale de Numismatique de
 Belgique 18; tokens 1386, 1388,
 1389, 1400, 1421
 Bogotà 1148
 Bolivia 1151, 1152
 Boyne, William 124, 352, 872
 Brazil 1147, 1149, 1159
 Bulgaria 1080
 Busleyden, Hieronymus van 40
 Buwayhid coinage 574

- Byblos 173
 Byzantine - coinage 77, 113, 139,
 482, 524, 525, 526, 527, 528,
 529, 530, 531, 532, 533, 534,
 535, 536, 537, 538, 539, 540,
 541, 542, 543, 544, 545, 546,
 547, 548, 549, 550, 551, 552,
 553, 554, 555, 556, 557;
 forgeries 549
- Canada - medals 1174; paper
 money 1300
- Caria 220
- Carolingian coinage 77, 899, 946,
 1060
- Carthage 98, 99, 257, 310
- Celtic coinage 37, 47, 114, 115,
 116, 129, 149, 150, 151, 154,
 155, 184, 185, 186, 194, 199,
 200, 207, 209, 219, 221, 238,
 253, 262, 263, 267, 283, 284,
 285, 291, 292, 293, 294, 295,
 296, 297, 298, 299, 300, 303,
 304, 305, 317, 319, 325, 355,
 417, 517
- Charlemagne 181
- Chile 1165
- China - coinage 715, 716, 718,
 719, 721, 724, 725, 726, 729,
 732, 736, 737, 739, 740, 745,
 750, 751; commemorative coins
 746; forgeries, 741, 742; paper
 money 720, 725, 731, 1281,
 1316, 1317, 1346, 1374, 1375,
 1376, 1377, 1378; tokens 745,
 1399
- Chios 198
- Cilicia 127, 216, 277, 357
 cleaning coins 94, 95
 coll. - Belgium 139; Brazil 247;
 Canada 125, 493, 872;
 Germany 22, 281, 282, 313,
 319, 390, 605, 845; Great
 Britain 113, 284, 285, 754, 755,
 1063, 1064, 1065, 1066, 1067,
 1068; Italy 20, 64, 307, 447;
 medals 1200; Spain 4, 52, 58,
 69, 73, 521
- Colombia 1148
- computers, use of 86, 89
- Concord, temple of 372
- congresses, num. 1, 2, 3
- Corcyra, coinage 53
- Corfu, coinage 53
- Corsica 989
- Croatia - coinage 1099, 1102,
 1104, 1105; medals 1224
- Crusader coinage 581, 582, 583,
 584, 593
- Crepusius 364
- Cyprus 215, 443
- Cyzicus 264
- Czechoslovakia 1328, 1329
- Dacia 254, 370, 446
- dating (methodology) 68
- Dalmatia 311
- Denmark - coinage 859, 868, 941,
 996, 1002, 1016, 1081, 1087;
 coin finds 406; medals 1197;
 numismatists 66; paper money
 1308, 1344
- Dioscuri 327, 422, 452, 456, 469,
 492
- Dutch East Indies 743
- Dutch West Indies 1156
- Dyrrhachium 289
- East India Company 713, 714
- Eberhard of Württemberg 38

- Ecuador 1146
 England - Royal Num. Society 18;
 Short Cross coinage 752, 802,
 803, 829, 833
 Ercker, Lazarus 85, 988, 1013
 Estonia 1005, 1006
 Etruscan coinage 147
- Fabricius, Johann Albert 16
 Finland - coinage 1039, 1040,
 1071; medals 1207; paper
 money 1311
 Flaminia, lex 515
 France - coinage, medieval and
 modern 909, 1052, 1083; coin
 finds 480; medals 1210; Société
 Française de Numismatique 18
- Germany - Celtic 184, 185;
 medieval and modern 37, 47,
 48, 844, 846, 847, 848, 850,
 860, 861, 862, 865, 868, 894,
 895, 896, 897, 909, 913, 919,
 921, 922, 923, 928, 938, 947,
 948, 950, 952, 959, 960, 962,
 963, 964, 970, 971, 972, 974,
 975, 976, 977, 978, 979, 980,
 981, 984, 986, 991, 1013, 1023,
 1027, 1028, 1029, 1030, 1031,
 1042, 1043, 1044, 1045, 1048,
 1056, 1057, 1061, 1062, 1066,
 1067, 1068, 1090, 1091, 1093,
 1094, 1095, 1096, 1097; coin
 finds 32, 77, 184, 185, 343,
 344, 347, 355, 387, 485, 514,
 849, 958, 982, 1060; forgeries
 843, 973, 985; medals 1167,
 1179, 1194, 1196, 1202, 1203,
 1213, 1214, 1215, 1216, 1233,
 1234, 1238, 1239, 1262, 1263,
 1266; num. coll. 22, 37, 47,
 186, 281, 282, 313, 319, 390,
 605, 845; paper money 1275,
 1276, 1298, 1308, 1314, 1315,
 1319, 1321, 1342, 1343, 1349,
 1353, 1355, 1356, 1359; tokens
 1415
- Giede, Christian 35
 Great Britain - Anglo-Saxon 517,
 530; Celtic 37, 47, 114, 115,
 116, 129, 149, 150, 151, 154,
 155, 284, 285, 291, 292, 293,
 294, 295, 296, 297, 298, 299,
 300, 301, 302, 303, 304, 305,
 517; Byzantine 529, 530; coll.
 113, 284, 285, 754, 755, 1063,
 1064, 1065, 1066, 1067, 1068;
 Cuerdale hoard 753, 790, 791,
 792, 807; Iron Age 129, 199,
 200, 239; medals 1173, 1183,
 1208, 1209, 1217, 1254;
 medieval and modern 517, 752-
 839; paper money 1296, 1313,
 1347, 1362; Roman 335, 337,
 348, 373, 402, 473, 486, 517,
 975; tokens 1379, 1380, 1383,
 1384, 1385, 1390, 1391, 1392,
 1393, 1394, 1395, 1398, 1407,
 1408, 1409, 1414, 1416, 1417,
 1418, 1419, 1420, 1423
- Greece - ancient 118, 121, 157,
 172, 176, 180, 198, 202, 203,
 208, 215, 228, 229, 251, 264,
 270, 274, 275, 280, 288, 314,
 319; coinage 53; forgeries 133,
 245; Hellenistic 131, 132, 133,
 136, 137, 159, 160, 161, 162,
 163, 164, 165, 166, 167, 191,
 192, 201, 206, 237, 248; medals
 1072, 1226; medieval and

- modern 1072, 1111; tokens
1401
Gubbio (Italy), num. coll. 20
- Haiti 1157
Hamdanid coinage 574
Heraclea (Lucania) 306
Heracleia 120
Herod 113
Hong Kong, coins and currency
738
Huguenin, Henri 1206
Hungary - coinage 873, 874, 934,
953, 983, 1024, 1034, 1054,
1069; medals 1201, 1211, 1225,
1235, 1237, 1247; paper money
1302, 1303, 1322, 1323
- Iceland - medals 1240
India - Greeks in 119, 122, 123,
124, 187, 188, 272, 273; paper
money 1271, 1357; Romans in
405, 431; tokens 1406
inflation 74
Irenopolis 216
Israel 1301, 1341; *also see*
Palestine
Issus 126
Italy - coin finds 23, 44; medieval
and modern 857, 858, 866, 872,
937, 995, 1017, 1035, 1036,
1053, 1054, 1073, 1075, 1077,
1078, 1079; medals 1195, 1261;
num. coll. 20, 21, 50, 64, 447;
paper money 1324
- Japan - coinage 727, 728;
commemorative coinage 722;
paper money 727, 1330, 1331,
1332, 1333, 1334, 1335, 1336,
1337, 1338, 1367
John Hyrcanus I 106
Joscelyn of Edessa 550, 552
Jovine, Marcel 1171
Judaea, ancient 106, 107, 108,
112, 113, 158, 177, 193, 204,
217, 223, 224, 240, 275, 279,
286, 336, 430, 519
- Kennepohl, Karl 12
Kushana coinage 626, 627
- lex flaminia 515
libraries - num. 7; subject
headings 19, 26
Lithuania 966, 1098; coin finds
859, 965
Locri Epizephyrii 109
Lombard coinage 34
Lübcke, Gustav 36
Lysimachus 139
- Magna Graecia 109, 143, 144,
145, 192, 276, 278, 288, 306
Majorianus 139
Malta, Muslim 561, 575
Mamluk coinage 113
Mattathias Antigonas 107
medals 47, 48, 909, 1168, 1170,
1171, 1180, 1181, 1184, 1200,
1205, 1241, 1246, 1255, 1257,
1264, 1265; Austria-Hungary
1211, 1267; Belgium 1172,
1175, 1176, 1177, 1178, 1182,
1188, 1189, 1190, 1192, 1193,
1198, 1218, 1219, 1228, 1229,
1231, 1232, 1242, 1243, 1248,
1251, 1252, 1253, 1258, 1259,
1260; Canada 1174; Croatia
1224; Denmark 1197; Finland

- 1207; France 1210; Germany 972, 1167, 1179, 1194, 1196, 1202, 1203, 1213, 1214, 1215, 1216, 1233, 1234, 1238, 1239, 1262, 1263, 1266; Great Britain 1173, 1183, 1208, 1209, 1217, 1254; Greece 1072, 1226; Hungary 1201, 1225, 1235, 1237, 1247; Iceland 1240; Italy 937, 1195, 1261; Netherlands 1191, 1221, 1222, 1230, 1244, 1245, 1250; Poland 1227; Russia 1258; Sardinia 1195; Scotland 1183; Spain 1186, 1199, 1220; Sweden 1249; Switzerland 1206, 1236; United States 1169, 1185, 1187, 1204, 1212, 1223, 1256
- Melle, Jacob von 10
- Merovingian coinage 77, 186, 355, 1055, 1060, 1082, 1095
- Mesembria 131, 133, 136, 160
- Messina 143
- Mexico 1160, 1164
- Moghul coinage 615, 617, 623, 674, 685
- Moldova 1320
- Möser, Justus 14
- Nabatean coinage 223, 268
- Namibia 1352
- Netherlands - coinage 840, 851, 909, 920, 936, 965, 998, 1059, 1069, 1083, 1086, 1089, 1092; coin finds 340, 341, 432, 488; forgeries 940; medals 1191, 1221, 1222, 1230, 1244, 1245, 1250; paper money 1276, 1277, 1304, 1305, 1306, 1307, 1309, 1339, 1354, 1370, 1371, 1372; tokens 1381, 1382, 1410, 1422
- Newcomb, Howard 1142
- New Zealand - paper money 1291, 1351
- Norway 1051
- Odessus 133, 136, 160
- Palestine - paper money 1299, 1341; *also see* Israel
- paper money - Africa 1325, 1326, 1352; Australia 1280, 1340; Austria-Hungary 1302, 1322; Bahrain 1273; Belgium 1283, 1284, 1285, 1286, 1287, 1288, 1289, 1290, 1292, 1293, 1368, 1373; Canada 1300; China 720, 725, 731, 1281, 1316, 1317, 1346, 1374, 1375, 1376, 1377, 1378; Czechoslovakia 1328, 1329; Denmark 1308, 1344; Finland 1311; Germany 1275, 1276, 1298, 1308, 1314, 1315, 1319, 1321, 1342, 1343, 1349, 1353, 1355, 1356, 1359; Great Britain 1296, 1313, 1347, 1362; Hungary 1303, 1323; India 1271, 1357; Israel 1301, 1341; Italy 1324; Japan 1330, 1331, 1332, 1333, 1334, 1335, 1336, 1337, 1338, 1367; military 1278; Moldova 1320; Namibia 1352; Netherlands 1276, 1277, 1304, 1305, 1306, 1307, 1309, 1339, 1354, 1370, 1371, 1372; New Zealand 1291, 1351; Palestine 1299, 1341; Persia 1358; Poland 1282; Russia 1270; Saudi Arabia 1361; Slovenia 1310; Soviet Union

- 1294; Spain 1272, 1365, 1366;
 United States 1274, 1295, 1312,
 1350; Vatican City 1279;
 Vietnam 1363
 Parthian coinage 105, 124, 137,
 271, 273
 Patin, Charles 24
 Persia 242, 1358
 Peru 1150, 1153, 1155, 1161,
 1162, 1163, 1405, 1412
 Poland - coinage 1107, 1109;
 medals 1227; paper money
 1282
 Pontearreas, num. coll. 4
 Potosí 1151, 1152
 Praun, Paulus 46
 primitive money 6, 1268, 1269
 Punic coinage 98, 99, 140, 156,
 232, 233, 247
 Quito 1146
 Reixner, Jozef 1267
 Renner, Kalman 1247
 Richter, Johann Gottfried 11
 Romania 1059
 Rome - coinage 37, 186, 203, 275,
 286, 325, 330, 331, 342, 343,
 353, 354; coin finds 329, 330,
 340, 341, 343, 344, 345, 346,
 347, 348, 355, 360, 365, 368,
 369, 373, 375, 376, 377, 378,
 387, 388, 392, 402, 405, 406,
 413, 414, 415, 416, 417, 418,
 420, 421, 426, 439, 450, 455,
 458, 468, 478, 480, 481, 482,
 485, 499, 501, 502, 503, 504,
 505, 506, 510, 514, 517;
 forgeries 512; Imperial 320,
 326, 328, 329, 332, 333, 335,
 338, 339, 341, 344, 345, 346,
 351, 356, 360, 362, 363, 366,
 367, 368, 369, 370, 372, 375,
 376, 377, 378, 379, 380, 385,
 389, 390, 391, 398, 403, 404,
 407, 408, 409, 410, 411, 422,
 424, 425, 426, 427, 429, 432,
 434, 442, 443, 448, 449, 450,
 451, 463, 466, 467, 470, 476,
 479, 484, 487, 488, 489, 491,
 492, 495, 496, 498, 499, 507,
 509, 512, 518; Republican 327,
 334, 330, 350, 358, 359, 364,
 381, 382, 383, 384, 386, 397,
 399, 400, 405, 433, 437, 438,
 440, 441, 460, 468, 478, 490,
 507, 522, 523
 Rudolphi, Karl Asmund 17
 Russia - coinage 1002, 1025,
 1100, 1108, 1110, 1112; medals
 1258; paper money 1270
 Samanid coinage 568, 574
 Samaria 240
 Sardinia - coin finds 156, 450,
 539, 542; medals 1195
 Sasanian coinage 119, 174, 175,
 195, 196, 197, 230, 231
 Satavahana coinage 609, 620,
 629, 630, 678, 702
 Saudi Arabia 1361
 Schinkel, Karl Friedrich 1196
 Schlegel, Christian 41
 Scotland - coinage 756, 758, 759,
 760; medals 1183
 Scythia 124
 Seleucid coinage 111, 286
 Selvi, Antonio 1168
 Serbia 1101, 1106
 Sicily, ancient 144, 145, 179, 205,

- 312, 318; coin finds 383;
 medieval and modern 1075,
 1076
 Sidon 173
 Sinnock, John Ray 1132
 Slovenia - paper money 1310
 Soldani-Benzi, Massimiliano
 1168
 Soviet Union 1108, 1294
 Spain - ancient, 102, 103, 117,
 140, 146, 148, 178, 182, 183,
 189, 190, 212, 226, 227, 252,
 257, 260, 261, 265, 275; coin
 finds 98, 99, 100, 148, 434,
 435, 491; medals 1186, 1199,
 1220; medieval and modern
 854, 855, 856, 875, 880, 884,
 885, 890, 891, 892, 893, 914,
 918, 924, 926, 927, 951, 954,
 955, 956, 957, 992, 993, 1007,
 1008, 1018, 1019, 1020, 1021,
 1022, 1026, 1032, 1033, 1037,
 1038, 1053, 1070, 1074, 1088;
 num. coll. 5, 52, 58, 69, 73,
 521; paper money 1272, 1365,
 1366; Roman 321, 322, 323,
 324, 361, 367, 395, 396, 435,
 436, 437, 438, 445, 457, 471,
 474, 475
 Spink's Num. Circular 33, 45
 Stenzel, Theodor Reinhold 13
 Sweden - medals 1249
 Switzerland - coinage 987, 1067;
 medals 1206, 1236
 Sybaris 276, 278
 Syracuse 144, 145, 179, 205, 312
 Syria - ancient 256; Byzantine
 540
 Taiwan 741, 742
 Tarsus 128
 Teronea (Chalcidice) 172
 Thasos 132, 134, 266
 Thessalonica, Byzantine 524, 526
 Thessaly 130, 250
 Thrace - Hellenistic 165, 166,
 167, 243, 244, 255, 287; pre-
 Hellenistic 168, 169, 170, 269;
 Roman 412
 Tibet - coinage 717
 tokens - Australia 1413; Belgian
 Congo 1387; Belgium 1386,
 1388, 1389, 1400, 1421; China
 745, 1399; Germany 1415;
 Great Britain 1379, 1380, 1383,
 1384, 1385, 1390, 1391, 1392,
 1393, 1394, 1395, 1398, 1407,
 1408, 1409, 1414, 1416, 1417,
 1418, 1419, 1420, 1423; Greece
 1401; India 1406; Netherlands
 1381, 1382, 1410, 1422; Peru
 1405, 1412; Turkey 1402;
 United States 1403, 1411
 Turkey - coin finds 481, 482;
 tokens 1402
 Umayyad coinage 598, 599
 United States of America -
 coinage 1118, 1126, 1127,
 1135, 1141, 1145; cents 1113,
 1115, 1128, 1129, 1130, 1133;
 dimes 1114, 1117, 1122, 1138;
 dollars 1120, 1134, 1140;
 Eagles 1131; half dimes 1119,
 1121; half dollars 1116, 1139,
 1143; medals 1169, 1185, 1187,
 1204, 1212, 1223, 1256; New
 Jersey coppers 1124, 1125,
 1136, 1137; paper money 1274,
 1295, 1312, 1350; tokens 1403,

1411

Vatican City 1279

Vemaki coinage 649, 651, 654,
656

Vietnam - coinage 735; paper
money 1363

Viking coinage 753, 790, 791,
792, 807

Visigoths 275, 889

Wales - coinage 761, 771

Yugoslavia - coin finds 290, 350

AUTHOR INDEX

- | | |
|--|---|
| Abad Varrela, M. 320, 321, 322 | Arslan, Ermanno A. 329 |
| Abascal, J.M. 323 | Ashton, R. 104 |
| Abels, B.U. 609 | Asolati, Michele 330 |
| Abezgauz, Alex 1270 | Assar, G.R. 105 |
| Acuña Castroviejo, F. 4 | Atkins, B.A. 213 |
| Aerts, E. 840, 841 | Aust, Horst 850 |
| Agrawal, Ashvini 610 | Avery, Charles 1168 |
| Agrawal, Bhanu 611 | |
| Agrawal, Govind 612, 613 | Baerten, Jean 851, 852 |
| Ahmad, Nisar 614 | Baily, D.F. 1169 |
| Album, Stephen 558 | Balaguer, A. 853, 854, 855, 856,
893 |
| Alegre Mancha, P. 324 | Balbi di Caro, Silvana 331, 857,
858 |
| Alfaro Asins, C. 98, 99 | Balcus, Mikas 859, 965, 967,
1098 |
| Allen, Martin 752, 833 | Baldaqui, A. 875 |
| Almoyan Gomez, L. 956 | Baldus, Hans Roland 332, 860 |
| Alonso Rodriguez, C. 100 | Baldus, Roger 982 |
| Alram, M. 842 | Baldwin, E. 754, 755 |
| Althoff, Ralf 843 | Balsekar, Dilip P. 615, 683, 684,
685 |
| Amand, Marcel 325 | Banerji, Arundhati 616 |
| Amandry, M. 101 | Bar, Marc 333, 334, 1170 |
| Anderson, M.J. 1146 | Barag, D. 106, 107, 108 |
| Andhyarujina, Rointon H. 1271 | Barcelo, M. 559 |
| Angal, D.G. 78 | Barclay, C. 335, 756, 757, 828,
1379, 1380 |
| Angelini Bufalini Petrocchi,
Gabiella 327 | Barello, F. 109 |
| Ansemil Parada, L. 5 | Barengi, F. 110 |
| Archibald, Marion M. 753 | Barkay, R. 111, 112, 336 |
| Archilla-Diez, Efrain 1272 | Baroukh, J. 113 |
| Arevalo Gonzalez, A. 102, 103 | Barrandon, J.-N. 1147 |
| Argyro, Daniel 1113 | Barron, C. 6 |
| Armen, Youssefi 1273 | Bart, Frederick J. 1274 |
| Arnold, Paul 844, 845, 846, 847,
848 | |
| Arnold, Thomas 849 | |
| Arrizabalaga Lafuente, I. 328 | |

- Barth, Matthias 7
 Bateson, J.D. 337, 758, 759, 760, 861
 Batio, Christopher 1171
 Bayet, Thomas 338, 339
 Bean, S.C. 114, 115, 116
 Beckenbauer, Egon 862
 Becker, B. 617
 Beeckmans, Luc 59, 863, 864
 Beek, B. van 1381
 Behr, Gerd 865
 Beinbauer, Karl-Wilhelm 8
 Beliën, P. 340, 341
 Bellizia, Lucio 866
 Belloni, Gian Guido 342
 Beltran, A. 9, 117
 Bendall, S. 524, 525, 526, 527, 528, 529
 Bendixen, Kirsten 867
 Bérend, D. 118
 Berga, Tatjana 868
 Berger, Frank 343, 344, 345
 Berghaus, Peter 10, 11, 12, 13, 14, 15, 16, 17, 346, 347, 869
 Besly, Edward 761
 Beyrich, Harry 870
 Bhadane, R.P. 78
 Bhandare, S.U. 618, 619
 Bhargava, R.R. 620, 621
 Bhargave, P.G. 622, 623
 Bhatia, P. 119
 Bhatt, R.D. 624
 Biggs, Norman 530
 Blackburn, Mark 762, 763, 764, 765, 766, 767, 768, 769, 770, 871
 Blanco, J. 209
 Bland, R. 348
 Block, David 1275
 Blythe, Al 1114
 Boccolari, Giorgio 447
 Boegheim, L.M.J. 625, 1276, 1277, 1382
 Böhm, S. 349
 Boling, Joseph E. 63, 1278
 Bonacić -Mandinić, Maja 120, 350
 Bonincontro, I. 79
 Bonnechère, P. 121
 Bonser, M.J. 767
 Boon, George C. 771, 772, 1383
 Bopearachchi, Osmund 122, 123, 124
 Borckardt, Mark 1115
 Borne, A.C. 1172
 Botarelli, Ferruccio 1279
 Bourne, Marcy L. 1173
 Bouvy, G. 351
 Boyne, W. 125, 352, 353, 354, 872
 Brand, J.D. 1384
 Brill, Paul 1116
 Brindley, J.C. 126, 127, 128
 Broome, M.R. 560
 Brown, George A. 1174
 Brown, Helen W. 561
 Buchet, A.R. 1175, 1176, 1177
 Bui, C. 92
 Bulluss, M.H.R. 1280
 Burnett, A. 129
 Burns, Craig Alden 626, 627
 Burrer, Friedrich 130
 Bursche, Aleksander 355, 356
 Butcher, Kevin 357, 754, 755
 Buttrey, T.V. 358
 Búza, Janos 873, 874
 Cabanes, M. 875
 Caccamo Caltabiano, M. 359, 1268
 Calabria, P. 79
 Callataÿ, François de 18, 131, 132,

- 133, 134, 135, 136, 137, 138,
139, 876, 877, 878, 1178
Callegher, Bruno 360, 531
Calliari, I. 92
Campbell, F.D. 19
Campbell, Lance K. 1281
Campo, M. 140
Cancio, L. 141, 142, 1148
Canto Garcia, A. 102
Carbé, Anna 143
Carradice, Ian 1385
Carrete i Nadal, J.M. 361
Carrié, Jean-Michel 362, 363
Carroccio, Benedetto 144, 145
Carter, G.F. 364
Carter, Jason 1117
Caspar, Helmut 879, 1179
Castaño, D.E. 146
Castillo Caceres, F. 880
Castrizio, D. 532
Catalli, Fiorenzo 20, 147, 365
Cavada Nieto, M. 148, 366
Cavicchi, Andrea 20
Cela, X. 367
Celis Sanchez, J. 324
Cepeda, Juan José 368
Chadwick, E. 367
Challis, C.E. 774
Charlet, C. 881, 882
Chatt, Joseph 1180
Chatterjee, Bhaskar 628
Chick, Derek 775, 776
Chowdhury, Vasant 695
Chown, John 777, 778, 883
Christiansen, John Christian 369
Chumble, P.D. 629, 630
Ciofu, Valerian 370, 1181
Ciron, H. 371
Clua i Mercadal, M. 884, 885, 918
Colaert, Maurice 886, 1182
Cole, A.M. 1282
Collinet, P. 8887, 888, 1283, 1284,
1285, 1286, 1287, 1288, 1289,
1290, 1386
Conklin, Tom 1350
Consolino, Franca 428
Conte, W.J. 767
Cook, B.J. 1184
Corradini, E. 21
Costilhes, A. 1149
Cottam, G.L. 149, 150
Cowell, M. 562
Cox, S.E. 372
Craig, A.K. 1118
Crain, Stephen A. 1119
Cregan, William H. 1185
Crusafont i Sabater, M. 889, 890,
891, 892, 893, 1186
Crisafulli, Cristina 330
Cuddeford, M.J. 151, 779
Cuhaj, George C. 1187
Cunz, Reiner 22, 894
Cuppo Csaki, L. 533
Đa Ng Van Khoa 1363
Daftar, N.A.R. 606
Dannenberg, Hans-Dieter 895,
896, 897
Dargent, Eduardo 1150
Darnis, J.-M. 898
Dauwe, R. 631
Davenport, Tim 1403
Davidde, Barbara 152
Davies, J.A. 373
Dawe, C. 1291
Debord, J. 153
Deiwt, Harry 23
De Jersey, Philip 154, 155
Dekesel, C. 24
Delamare, F. 80

- De Ley, J. 1387
Delgrange, D. 1388
Delire, D. 899
Demartis, G.M. 156
De Mey, J.-R. 900, 901
Denayer, Albert 902, 903, 904,
905, 906, 1188, 1292, 1293,
1389
Dengis, Jean-Luc 907, 908, 909,
910, 911, 1189, 1190
Denzel, Markus A. 698, 1041
Desnier, Jean-Luc 374
De Smet, F. 1191
Despretz, A. 1192, 1193
Destrooper-Georgiades, A. 157
Dethlefs, Gerd 913, 1194
Deutsch, R. 158
Dhopate, S.G. 632, 633
Diaczun, Dan 1294
Dickinson, M.J. 1390, 1418
Dimitrov, Kamen 159, 160, 161,
162, 163, 164, 165, 166, 167,
168, 169
Dolenec, Irislav 1099
Domenech Belda, C. 914
Dong, Wenchao 715
D'Oriano, R. 1195
Dorrien, Thomas 780
Doty, R.G. 25, 1295
Doty-D'Ambrosio, M.R. 26
Doutriaux, J. 915
Doyen, Jean-Marc 375, 376, 377,
378
Draganov, D. 170
Dräger, Ulf 1196
Dreesen, H. 27
Druart, Jacques 28, 171, 634, 916
Duchamp, Michel 1197
Dufond, Jean-Luc 29
Dumoulin, Bruno 917
Du Quesne Bird, N. 563, 781, 782,
783, 784, 785, 786, 787, 788,
1296, 1391, 1392, 1393, 1394,
1395
Dürr, Michel E. 172
Dym, K.A. 1151, 1152
Echevarria Olaiz, A.I. 918
Eggers, Edwin 919
Elayi, A.G. 173
Elayi, J. 173
El-Kholi, Muhammad 564
Elsen, Jean 81, 174, 175, 920
Emmerig, Hubert 921, 922, 923
Equall, Nancy 380
Ercolani Cocchi, E. 176
Erev, R. 177
Estiot, S. 379
Esty, Warren W. 380
Fachin, M.C. 381
Faintich, M. 1153
Falco Fuertes, V. 924
Fauver, Benjamin 1396
Fazekas, Gábor 925
Fazzari, F. Michael 1120
Felguera Herrera, I. 178
Feliu Ortega, M.J. 82, 90
Feller, Steve 1297
Fengler, Heinz 1298
Feria, R. 30, 926
Fernandez Bendito, V. 927
Fernandez Benitio, Y. 1199
Ferretti, D. 382
Ferse, Armin 928
Fiedler, W. 31
Fisher, George A. 716
Fisher, Jack H. 1299, 1300, 1301
Fivaz, Bill 1121
Flatt, H.P. 1154

- Florenzano, M.B. 179
 Fontenla Ballesta, S. 565
 Forneck, Gerd Martin 1238
 Fortin, Gerry 1122
 Fossion, A. 929, 930
 Frébutte, C. 180
 Freeman-Grenville, G.S.P. 181
 Frere, Hubert 534, 931, 932, 933
 Frey-Kupper, S. 383
- Gabrisch, Karl 635, 717
 Ganz, David L. 1123
 Garami, Erika 1302, 1303
 Garcia-Bellido, M.P. 182, 183
 Garcia Fuertes, J.M. 924
 Garcia Martinez, M. 1088
 Garzon Blanco, J.A. 384, 385
 Gaspar, Peter P. 797
 Gayathri, P. 693
 Gedai, I. 934
 Geebelen, Jacques 935
 Gehrman, Walter 32
 Gelder, E. van 1304, 1305, 1306, 1307
 Gelder, R. van 936
 Gelichi, Sauro 937
 Generoso, C. 386
 Georgiades, A. 83
 Gerchow, Jan 938
 Gerin, Dominique
 Giard, Jean-Baptiste 939
 Gilles, Karl-Josef 184, 185, 186, 387
 Gilliland, C. 1200
 Gilljam, Hans 388, 389
 Gitler, H. 223
 Godbole, S.D. 187, 636, 703, 704, 705
 Goetz, William 718
 Gokhale, Shobhana 188, 637
- Goldberg, Ira 1256
 Goldhahn, Christel 390
 Gomis Justo, M. 189, 391
 Gomm, J.D. 789
 Gonzales Fernandez de Palencia, M. 190
 Goodwin, A. 535
 Goodwin, Tony 536, 537
 Gordus, A.A. 1118
 Gorini, Giovanni 191, 392, 393
 Gostonyi, József 1201
 Goyal, S.R. 638
 Graaf, C. de 940
 Graff, Guy 538
 Graham-Campbell, James 790, 791, 792
 Grandjean, C. 192
 Grandt-Nielsen, F. 1308
 Grayburn, R. 793
 Greenfield, J.C. 519
 Grierson, Philip 33
 Griffie, John 1124, 1125
 Grigorova, V. 394
 Grinder-Hansen, K. 941
 Grolle, J.J. 1309
 Grossberg, A. 193
 Grosse, Werner 1202
 Grost, John 1404
 Gruel, K. 194
 Grund, Rainer 844, 1203
 Guarisco Pozzi, Sergio 1155
 Guido, Francesco 539
 Gullbekk, Svein H. 942
 Guoyan, T. 719
 Gupta, Chandra Shekhar 639, 640, 641
 Gupta, L.C. 642
 Gupta, M.K. 643, 644
 Gupta, Parmeshwari Lal 645, 646, 647, 648

- Gurnet, François 195, 196
Gurt, J.M. 395, 396
Gutbrod, Werner 943
Guzzetta, Giovanni 34, 397
Gyselen, Rika 197
Gysen, Philippe 398
- Haag, Earl C., Jr. 1204
Hackens, Tony 84, 499
Haeck, Aime 944, 945
Haertle, P.C.M. 946
Hahn, Wolfgang 540, 947
Hammer, Peter 85, 1205
Hammond, P.W. 794
Handa, Devendra 649, 650, 651,
652, 653, 654, 655, 656, 657,
658, 659, 660
Hannig, Peter 844
Hardwick, N. 198
Harley, A.S. 948, 1156
Harmon, William R. 1310
Hase, Wolfgang 949
Haselgrove, Colin 199, 200
Hatz, Gert 950
Haugsted, Ida 35
Hazzard, R.A. 201
Heidemann, Stephan 566
Heinonen, Antti 1311
Heipp-Tamer, Christine 202
Henckès, J. 1397
Henke, Klaus 720
Hernandez-Canut, L. 951
Herrero Albiñana, C. 203
Hessler, Gene 1312
Heus, Dieter 952
Heutger, N. 204
Hewitt, V.H. 1313
Hildebrandt, Hans Joachim 399
Hiran, Vijay 678
Hodder, M. 1126
- Hoffman, Dieter 1314
Holland, L. 584
Hollis, A.S. 259
Holmberg, K. 86
Holloway, R. Ross 205
Hollstein, W. 400
Holmes, N. 1398
Holscher, Tonio 401
Houghton, A. 206
Hrock, U.E.G. 1315
Hsü, I-Tsung 1316
Hubrecht, A.V.M. 432
Huguenin, Paul 1206
Huiyuan, Z. 1317
Hulett, J.R. 795
Hunka, J. 953
Hunter, F. 207
Hurter, Silvia 208
Hussein, Mohamad H. 1318
Hu You-Wen 1399
Hyrsky, Tuomas 1207
- Ibañez, M. 209
Ibañez Artica, M. 210, 954, 955,
956
Ibrahim, R. 957
Ilisch, Peter 958, 959, 960, 961,
962, 963, 964
Innemann, Volker 36, 1319
Isik, E. 211
Iskra, Fred 1127
Istomin, Mikhail 1320
Ivanauskas, Eugenijus 859, 965,
966, 967, 1098
Ivanisevic, V. 1101
Ivotchkina, N.V. 721
- Jackson, C. 1208
Jain, Pravin Kumar 661
James, H.M. 402

- Jenkins, M.R. 403
 Jensen, Jørgen Steen 968
 Jensen, Uno Barner 662
 Jha, Amalkumar 663
 Jha, Amiteshwar 664, 665
 Jiminez Avila, F.J. 212
 Johns, C. 348
 Jones, M. 1209
 Juel-Jensen, Bent 213, 214, 567,
 796
 Julian, Robert W. 1128, 1129,
 1130

 Kagan, Jonathan H. 215
 Kallman, John K. 722, 728
 Kalpande, V.M. 666, 667
 Kampmann, Ursula 404
 Karbach, Franz-Bernd 216
 Karlović, Maks 1102
 Kenis, Yvon 1210, 1400
 Kenny, David 1131
 Kenny, M. 568
 Kent, John 541
 Kenyeres, Dénes 1211
 Kerestecioglu, Kenan 569
 Kerrigan, Evans 1212
 Kiersnowski, R. 969
 Kindler, A. 217, 218
 Klauss, Jochen 1213
 Kleeberg, J.M. 1321
 Klein, Ulrich 37, 38, 970, 971,
 972, 973, 974, 1214
 Klose, Dietrich O.A. 975
 Kluge, Bernd 39, 976
 Klüssendorf, Niklot 977, 978, 979,
 980, 981, 982
 Kofesoglu, Ibrahim
 Kofopoulos, Savas K. 1401
 Köhegyi, M. 983, 1322
 Kokcken, M. 40

 Kolnikova, E. 219
 Konuk, K. 220
 Koppe, Lothar 1215
 Kostial, Michaela 221
 Kothalkar, M.J. 668
 Kothari, Narendra 669, 670
 Kreek, J. de 747, 748
 Krejčík, T. 984
 Krishnamurthy, R. 405
 Kromann, Anne 406, 968
 Kühn, Walter 985
 Kulashreshtha, Sarojini 648
 Kulkarni, Prashant P. 671, 672,
 673, 674
 Kumar, Manmohan 614
 Kumar Andjha, Amal 431
 Kumpikevicius, G.C. 222, 407,
 408, 409, 410, 411, 493
 Kunisz, A. 412
 Kunzel, Michael 986
 Kunzmann, Ruedi 987
 Kupa, Mihaly 1323, 1324
 Kushnir-Stein, A. 223

 Laallaoui, M. 570
 Labrot, J. 1397
 Lacam, G. 87
 Lachman, Samuel 571, 572, 573
 Lallemand, Jacqueline 325, 413,
 414, 415, 416, 417, 418, 419,
 420, 421
 La Marre, Tom 1132
 Langbein, Kurt 41
 La Rocca, Eugenio 422
 Lautz, Thomas 1216
 Lawrence, L. Michael 1133
 Lebrun, J.-L. 87
 Leimus, Ivar 1103
 Lenaerts, Robert 1257
 Leonard, M. 723, 989

- Leonard, R.D., Jr. 423
 Le Roy Ladurie, E. 1147
 Lessen, Marvin 42, 797, 798
 Leuthold, Enrico Jr. 574
 Leuxe, Françoise 325
 Levi, Maro Attilio 424
 Levius, Harold 1325, 1326
 Levy, B. 224
 Liampi, Katerina 225
 Libero Mangeri, G. 990
 Lichocka, B. 425
 Limbree, C. 426
 Lind, L. 427
 Link, Eberhard 991
 Lips, Harry 1327
 Lissade, J.G. 1157
 Litherland, A.R. 1217
 Lizzi, Rita 428
 Llobet i Portella, J.M. 992
 Llorens, M.del Mar 226, 993
 Lo Cascio, Elio 429
 Logan, Russell 1134
 Lönnqvist, K.A. 430
 Lopez de la Orden, M.D. 82
 Lopez Sanchez, P. 227
 Louwet, Walter 1218, 1219
 Lucas, Paul 43, 994
 Luraschi, Fabio 987
 Luttrell, Anthony T. 575
 Luzzatti, Michele 995
 Lyall, B. 1158
 Lyon, Stewart 799

 Ma, Chuan-de 724
 Ma, Ding-Xiang 725, 726
 MacDonald, David 228, 229
 MacDowall, D.W. 431, 432
 MacKenzie, Kenneth M. 576, 577,
 578, 579, 580, 1402
 Mainetti Gambera, E. 44

 Malehorn, Merlin K. 1403
 Malek, Hodge Mehdi 230, 231
 Malmer, Brita 996
 Manconi, F. 542
 Manfredi, L.I. 232, 233
 Mangalam, S.J. 675, 676, 677
 Mansfield, S.J. 543
 Manville, H.E. 45, 88, 800, 1159
 Marchetti, P. 433
 Marconi, M. 89
 Marcos Alonso, C. 99
 Marin, Emilio 544
 Marot, T. 395, 434, 435
 Marović, Ivan 234, 545, 546
 Marques de Faria, A. 235, 436,
 437
 Marr, Dennis F. 1404
 Marti, C. 367
 Martin, D.M. 801
 Martin, Sydney F. 1135
 Martin Calleja, J. 82, 90
 Martin Gil, J. 91
 Martin Gomez, C.I. 1220
 Martinez Valle, A. 236
 Martini, Rodolfo 92, 438, 439
 Mass, Jeffrey P. 802, 803
 Matamoros, C. 993
 Matsuo, Yoshihiko 727
 Mattheeuws, Caroline 134
 Mattingly, H.B. 237
 Maué, Hermann 46, 47, 48
 May, J. 238, 239, 997
 Mazzei, M. 440
 Mazzotta, B. 441
 McDonald, David
 McFadden, Roger R. 1404
 McFarlan, D. 804, 805
 McK. Clough, T.H. 806
 Meer, G.van der 49, 998, 1221
 Meert, Christian 999, 1000, 1222

- Mehl, Manfred 1001
 Meiracker, K. van den 1166
 Melgar, Ernesto 1405
 Mellor, F.W. 1223
 Melnikova, A.S. 1002
 Melville-Jones, J.R. 547
 Mérindol, C. de 1003
 Merten, Stefan 442
 Meshorer, Y. 240, 581
 Metcalf, D.M. 582, 583, 584, 807
 Michaelidou-Nicolaou, Ino 443, 444
 Mielczarek, M. 241
 Mierse, William 445
 Mignot, P. 426
 Mihailescu-Bîrlîba, V. 446
 Mikolajczyk, Andrzej 1004
 Milazzo, M. 92
 Mildenberg, Leo 242
 Miles, George 585
 Mimica, Bozo 1104, 1105
 Mirmik, Ivan 243, 244, 1102, 1224
 Mixa, Miroslav 1328, 1329
 Missere, Gianluigi 447
 Missere Fontana, Federica 50
 Moesgaard, Jens Christian 808
 Molnár, József 1225
 Molvögin, A. 1005, 1006
 Montaner Giro, P. 1007
 Moore, Roger A. 1136, 1137
 Moorehead, T.S.N. 586
 Mora Serrano, B. 51, 52
 Moral de Dios, J. 90
 More, Sanjay 678
 Moreaux, Michel 448, 449
 Morrison, C. 1147
 Mosteckí, Helmut 450
 Moucharte, Ghislaine 53, 84
 Moulakis, Christopher M. 245
 Mukherjee, B.N. 679, 680, 681, 682
 Mullaly, Terence 1226, 1227
 Muñoz, T.R. 1160
 Munro-Hay, S.C. 587 796
 Munro-Walker, Paul 451
 Munzi, Massimiliano 20
 Murray, G. 1008
 Naim, Sajid 683, 684, 685
 Nair, M.V. 692
 Narasimhamurthy, A.V. 686
 Nau, E. 1009
 Nebhay, Stefan 540
 Nef, Claude 1010, 1011, 1012
 Nemeškal, Lubomir 1013
 Neussel, H. 246
 Nicklis, Hans-Werner 1014
 Nicolae, E. 588
 Nicolau Kormikiari, M.C. 247
 Nicolet-Pierre, H. 248
 Nieboer, W.J. 1339
 Nijboer, A. 1269
 Nista, Leila 452
 Niyogi, Roman 1406
 Nollé, Johannes 453
 North, J.J. 809, 810, 811, 812, 813, 814, 815, 816, 1407, 1408, 1409
 North, Michael 54
 Novak, John A. 728
 Novakovic, S. 1106
 Nuijttens, M. 1015, 1228, 1229, 1410
 Oberländer-Târnoveanu, E. 589
 Ocharon Larrondo, J.A. 249, 454
 Ocheseanu, R. 464
 Oeconomides, M. 248, 250
 O'Hara, M.D. 548, 549, 817
 Orol, A. 55

- Orosz, Joel 56
 Ortu, Alessandra 455
 Østergaard, Bent 1016
 Otterdijk, T. van 1230
- Padrod, P. 396
 Pagan, Hugh 818, 819
 Palermo, Luciano 1017
 Pallemans, L. 1231
 Papageorgiadou-Banis, Charikleia 251
 Parisi Presicce, Claudio 456
 Parrado Cuesta, M.S. 93, 457
 Pascual Giner, M. del Mar 590
 Paskiewicz, B. 1107
 Passi Pitcher, L. 458
 Patching, H.A. 1379, 1380
 Patil, Samudragupta 687
 Paz Bernardo, J. 459
 Peake, Harold M. 1340
 Pedroni, Luigi 460
 Pellicer i Bru, J. 461, 591, 1018
 Pennestri, S. 462
 Pera, Rosella 463
 Perez Gacia, M. del Pilar 1019
 Perez Lopez, I. 252
 Perez Sindeu, F. de P. 1020, 1021, 1022
 Persson, S. 1341
 Pesant, Roberto 550, 551, 552, 592, 593, 594
 Pethe, Subodh S. 688
 Petronotarios, Petros N. 553
 Petrou-Lykiardopoulou, M. 57, 94
 Pfeiffer, Heinz 1023
 Philippen, Jos 1232
 Phillips, Marcus 595
 Pick, Albert 1342, 1343
 Pininski, J. 1024
 Pirie, E.J.E. 820
- Poncelet, Camille 253
 Poenaru-Bordea, G. 464
 Polivka, E. 1233
 Polosa, A. 465
 Poncelet, Camille 466, 467
 Porter, Venetia 596
 Posselt, G. 1344
 Potin, V.M. 1025
 Potter, Timothy W. 468
 Poulsen, Birten 469
 Preda, C. 254
 Price, Martin 268, 470
 Prokopov, I. 131, 132, 255
 Proulx, Claude 1345
 de la Puente J., Pedro 1161
 Puerta, C. 367
 Puin, G.R. 579
- Qedar, S. 256
 Qingxuan, D. 1346
 Quarmby, Ernest 1347
- Rabin, Paul 554
 Radici Colace, Paola 1268
 Raff, Albert 1234
 Raghunadh, K. 693
 Raijasbir, S. 689
 Rajgor, Dilip 665, 690, 691
 Rajurkar, N.S. 78
 Ramon Sanchez, J. 58
 Ramos Fernandez, R. 257
 Ramos Molina, A. 471
 Rant, A. 258
 Rao, Bhatt Sankara 692
 Rao, V. Pandit 693
 Rausch, Larry 1138
 Ravindra, Lad 690
 Rayman, János 1235
 Raymond, J.C. 1348
 Rea, J.R. 259

- Redö, F. 472
 Reece, Richard 473
 Reich, R. 555
 Reichenberger, Jörg 1314
 Rhodes, N.G. 694, 695
 Rice, G. 821
 Richard, Jean-Claude 1236
 Ripollès, P.P. 260, 261, 474, 475,
 993, 1026
 Rispling, Gert 597
 Rittershofer, K.F. 1027
 Riz, A.E. 262
 Röblitz, Günther 1028, 1029,
 1030, 1031
 Rockholt, R.H. 1350
 Rodgers, Kerry 1351
 Rodriguez de Zuluoga, M. 100
 Rogers, D.J. de S. 822, 823, 824
 Rogge, Marc 59
 Romero Molina, R. 1032
 Roosenboom, H. 1250
 Rottländer, Rolf C.A. 8
 Rovelli, A. 476
 Rudd, C. 263
 Ruiz Trapero, M. 1033
 Ruppel, Thomas 1034
 Rutherford, David 1139

 Saccocci, Andrea 1035, 1036
 Saenz-Chas Diaz, B. 60
 Sagredo San Eustaquio, L. 477
 Salamon, M. 556
 Salem, Farid 1352
 Salih, Sari 598
 Salzani, Luciano 478
 Sanchez Andreu, M. 252
 Sandrock, John E. 1353
 Sandstrom, F.F. 264
 Santiago Fernandez, J. de 1037,
 1038

 Santos Vanguas, N. 265
 Sarma, I.K. 696, 697
 Sarvas, Pekka 1039, 1040
 Sasianu, A. 266
 Sassi Nagy, Béla 1237
 Savio, A. 479
 Schaad, D. 480
 Schaap, C.D. 1354
 Scheers, Simone 61, 267, 481, 482
 Schenkman, David 1411
 Scheuermans, Willy 1257
 Schiaffinio, José Antonio 1412
 Schiöler, Thorkild 483
 Schlosser, Bert A. 1140
 Schlösser, E. 484
 Schmitt-Korte, Karl 268
 Schneider, Jürgen 698, 1041
 Schneider, Konrad 1042, 1043,
 1238
 Schoevaert, Andre 62
 Schöne, Michael H. 1355
 Schönert-Geiss, E. 269
 Schönhammer, M. 270
 Schrock, U.E.G. 1044, 1356
 Schulzki, Heinz-Joachim 8, 485,
 1045, 1239
 Schuster, W. 579
 Schwab-Trau, A. 1046
 Schwan, C. Frederick 63, 1278
 Schwarzer, Oskar 698, 1041
 Seaby, Wilfred 517
 Sears, Stuart D. 599, 600
 Seham, EL M. 601
 Sejbal, J. 1047
 Sellwood, D.G. 271, 1240
 Sengar, Narendra S. 1357
 Senior, M.P. 826, 827
 Senior, R.C. 259, 272, 273, 699
 Senova, Nad'a 1241
 Serafin-Petrillo, P. 89

- Sewall, Menzel 1162
 Shakya, Amogh R. 635, 717
 Shamma, Samir 602
 Sharghi, A. 1358
 Sharma, Mahesh 700
 Sharples, John P. 1413
 Shastri, Ajay Mitra 701, 702, 703, 704, 705
 Shotter, David 486
 Shpresa Gjogecaj, V. 274
 Shukrun, E. 555
 Shuomin, Yao 730
 Siciliano, Aldo 64
 Siddiqui, A.H. 706, 707, 708
 Siemsen, Carl 1343
 Sietz, Fritz Georg 1049, 1050
 Silberman, Herbert A. 1141
 Simon, B. 487
 Simonsen, Christian J. 1051
 Simpkin, B.T. 1217
 Singh, Surinder 709
 Smieszchala, Alfred 1359
 Smith, Bruce W. 731, 732, 733, 734, 735, 736
 Smith, Pete 65, 1142
 Smith, Richard J. 380, 828
 Smolderen, Luc 1242, 1243
 Sohoni, S.V. 710
 Sømmod, Jørgen 66
 Sorenson, D.W. 1052
 Sorda, Sara 67
 Soria Sanchez, V. 275, 1053
 Soudijn, K. 1244, 1245
 Spagnoli, Emanuela 276
 Staffieri, Giovanni Maria 277
 Stahl, Alan M. 1054
 Stahl, Werner 1108, 1246
 Stamm, Volker 1055
 Stanton-Courtney, Y. 1414
 Stazio, Attilio 278
 Steck, Volker 1056
 Stefke, Gerald 1057
 Steinecke, Helmut 1058
 Stern, E. 279
 Stevens, P.J.E. 711
 Stewart, Ian, see Stewartby, Lord
 Stewartby, Lord 829, 830, 831, 832, 833, 834
 Stirbu, C. 1059
 Stoess, Christian 1060
 Streefkerk, M. 488
 Striegel, Mary F. 797
 Subas, Rai 611
 Suchodolski, Stanislaw 1061, 1109
 Suchy, Vladimir 603, 604
 Sugden, K. 280, 835
 Surana, Pukhraj J. 673
 Sweeney, James O. 737
 Sweeny, James O. 68
 Swiderski, Ortwin 1062
 Symes, Peter 1360, 1361, 1362
 Symons, David 283, 284, 285, 836, 837, 1063, 1064, 1065, 1066, 1067, 1068, 1110
 Syon, D. 286
 Szaivert, W. 489
 Székely, G.V. 1069
 Szolláth, György 1247
 Tabar, M.I. 1070
 Taceva, M. 287
 Ta Chí Đông Hái 1363
 Taelman, Juliaan 1248
 Talvio, Tuukka 1071, 1249
 Tan, Steven 738
 Tarawna, Khalaf 606
 Tazedakis, Panos N. 1072
 Teeuwisse, J. 1250
 Thiede, H.W. 1364
 Thier, Bernd 1415

- Thierry, François 739, 740
 Thiry, Jean Claude 490
 Thompson, R.H. 1416, 1417, 1418, 1419, 1420
 Thys, Michel 491, 492, 1421
 Tondo, Luigi 288, 1073
 Tonsini, M. 89
 Tooth, M.E. 222, 411, 493
 Torbágyi, M. 289
 Tordoir, J. 1251
 Torres Bohl, J. 1163
 Tortella, T. 1074, 1365
 Toussaint, Jacques 1252, 1253
 Travaglini, A. 494
 Travaini, Lucia 1075, 1076, 1077, 1078, 1079
 Trusted, Marjorie 1254
 Trelis Marti, J. 69
 Tseng, Che-Lu 741, 742
 Turfboer, Robert 68, 70
 Turkheim-Pey, S. de 1255
 Turro, A. 1366
 Tyler-Smith, Susan 1080, 1081
 Tzamalís, A.P. 1111

 Uemura, Takashi 1367
 Ujes, D. 290

 Vagi, David 1256
 Van Arsdell, Robert D. 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305
 Van Daele, Marc 743
 Vandenberghe, Stéphane 1082
 Vanderleyden, R. 744
 Van Heesch, Johan 71, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 1257
 Van Hoof, François 1112, 1258

 Vanhoudt, Hugo 1083
 Van Keuren, Frances 306
 Van Laere, Raf 878, 1084, 1085, 1176, 1177, 1259, 1260, 1422
 Vannel Toderi, F. 1261
 Van Nerom, C. 1086
 Vanni, Franca Maria 307, 507
 Varma, L.B. 712
 Vega de la Torre, J.R. 73, 308
 Velden, P.M. van der 74
 Velther, A.-M. 1059
 Venge, Mikael 1087
 Vera Garcia, C. 508, 1088
 Verbist, L. 1368
 Verhasselt, J. 1369
 Verkooyen, J.M.H.F.M. 1370, 1371
 Vermeeren, T. 509
 Vermeulen, Frank 1082
 Veronese, Alessandra 995
 Verreet, R. 1231
 Verrender, M. 663
 Vico, J. 75
 Villaronga, L. 96, 309
 Vinkenborg, H.A. 1372
 Viola, M. 97
 Vismara, N. 92
 Visonà, Paolo 310, 311
 Visser, Tamara 312
 Visser-Fuchs, Livia 794
 Vittorio, A. 510
 Vliet, A. van 1354
 Volk, T. 89
 Vollkommer, R. 511
 Volz, Peter 1262
 Vries, J. de 1089

 Waerzeggers, Rene 1373
 Wallace, Holland 1165
 Wang, Chien-Yu 1374

- Wang, Helen 745
Wasserstein, D.J. 607
Weber, Ingrid 1263
Wedell, Karl-Heinz 1090
Weder, Markus R. 512
Weiller, Raymond 513
Weisenstein, Karl 1091
Wei-Rong, Zhou 750
Weisser, Wolfram 313
Werz, Ulrich 76
Wessem, J.N. van 1264
Westermarck, Ulla 314, 315
White, Weimar W. 1143, 1144
Wiel, H.J. van der 1092
Wigg, Angelika 514
Wigg, David G. 514
Wiggins, K. 713, 714
Wild, Helmut 515
Willemans, M. 1176, 1177
Willems, W.J.H. 341
Wilski, H. 579, 608
Winand, Jean 316, 516
Wise, Philip 517
Witthöft, H. 1093
Wolters, R. 518
Woodhead, P. 838, 839
Wu, Chou-Zhong 1375
Wu, Zhe-Qiang 1376
- Xiangzhen, Y. 746
Xu, Yuan 724
- Yadin, Y. 519
Yang, Lien-Sheng 1377
Yang, Yong Wei 1378
Yannopoulos, P. 557
Yardeni, A. 519
Yarwood, John 1423
Ye, Shi-Chang 1375
Yih, T.D. 747, 748, 749
- Yost, Bill 1145
Young, Christopher 1115
Youroukova, I. 520
- Zabaleta Estevez, M. 521
Zagdoun, M.A. 522
Zedelius, Volker 77, 317, 1094,
1095, 1096, 1097
Zeitz, Lisa 1265
Zellfelder 698, 1041
Zhi-Qiang, Dai 750
Zhongshan, Zhang 751
Zimmer, Jürgen 1266
Zisa, A.D. 318
Zoricák, Peter 1267
Zwicker, Ulrich 319, 523



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